

**STATE OF CALIFORNIA**

**CALIFORNIA INTEGRATED WASTE MANAGEMENT BOARD**

**Base Year Modification Request Certification**

**Part 1: Generation Study - No Extrapolation Diversion Data**

To request a substitution for a previously approved base year used in calculating the diversion rate for your jurisdiction, please complete and sign this form and return it to your Office of Local Assistance (OLA) representative at the address below, along with any additional information requested by OLA staff. When all documentation has been received, your OLA representative will work with you to prepare for your appearance before the Board. If you have any questions about this process, please call (916) 341-6199 to be connected to your OLA representative.

Mail completed documents to:

**California Integrated Waste Management Board**  
**Office of Local Assistance**  
**1001 I Street, (MS-25)**  
**PO Box 4025**  
**Sacramento, CA 95812-4025**

**General Instructions:**

Please select the **ONE** choice below that best explains your request to the Board.

1. Use a recent generation-based study to calculate our current reporting year generation amount, but not officially change our existing Board-approved base year.  
 2. Use a recent generation-based study to officially change our existing Board-approved base year to a new base year.

The shaded cells on these sheets are protected. If you have problems using these sheets, please contact your Office of Local Assistance representative by calling (916) 341-6199.

**Section I: Jurisdiction Information and Certification**

*All respondents must complete this section.*

I certify under penalty of perjury that the information in this document is true and correct to the best of my knowledge, and that I am authorized to make this certification on behalf of:

Jurisdiction Name City and County of San Francisco	County San Francisco		
Authorized Signature	Title Director, Department of the Environment		
Type/Print Name of Person Signing	Date	Phone ( ) Include Area Code	
Person Completing This Form (please print or type)	Title		
Affiliation:			
Mailing Address	City	State	ZIP Code
	San Francisco	CA	94102
E-Mail Address			

<b>Section II: Information for New Generation-Based Study for Existing or New Base Year</b>	
Attach additional sheets if necessary—reference each response to the appropriate cell number (e.g., "4").	
<i>Note: New base years must be representative of a jurisdiction's disposal and diversion.</i>	
1. Current Board-approved existing base year:	2. Proposed new generation-based study year:
1990	2002
3. Explain how the proposed generation study year is representative of average annual jurisdiction disposal and diversion:	
The City is submitting a new waste generation study for the year 2002. The waste generation study includes both a source reduction study, and recycling and reuse survey. This data is the most accurate assessment that the City has of its waste generation. Adjustments to the reporting year disposal have been made to account for special waste disposal.	

<b>4. Enter diversion rate information below.</b>			
Diversion rate calculated using existing base year	a. 31 %	Diversion rate calculated using new generation-based study	b. 62 %
For existing base year pounds/person/day based on generation	8.2	For new generation based study pounds/person/day based on generation	12.8
Residential generation 31 %	Non-Residential generation 69 %	Residential generation 23 %	Non-Residential generation 77 %
Population existing generation-based study	723,959	Population new generation-based study	789,100
5. If there is an increase from 4a to 4b, please explain how the new diversion rate is consistent with your current diversion implementation efforts. If the proposed new generation tonnage results in an increase in your pounds/person/day, please explain how this is consistent with your current diversion implementation efforts and provide any examples (e.g., change in jurisdiction's demographics).			
The City has implemented many new programs since 1990 to reach beyond 50 percent diversion including: single stream recycling, residential and commercial food scraps composting, construction and demolition debris diversion, outreach and school programs, and technical assistance. In the 2002 waste generation study, the City again increased its effort to document diversion from commercial waste generators and private sector recyclers.			
6. If the difference between the proposed diversion rates in 4a and 4b is greater than 5 percentage points, please explain the specific reasons for the difference. (For example: new/improved curbside diversion programs.)			
The City has dramatically increased the number of diversion programs offered, particularly through its permitted hauler. Through its rate base, it has funded major capital improvements to the City's diversion infrastructure including recyclables and compostables processing, construction and demolition debris processing, the roll-out of the Fantastic 3 program (which includes carts for organics, including food scraps, and commingled recyclables), and commercial recycling and composting programs.			

<b>7. Disposal Tonnage (enter values):</b>	250969	451043	702012
	Residential	Non-Residential	Total

Please select the **ONE** choice below that best explains your **disposal** data and complete the required tables.

a. All tons claimed are from the Board's Disposal Reporting System (No explanation required. Go to Section 8.)

b. All tons claimed are from a 100 percent audit of hauler and self-haul tonnage. (Please complete Reporting Year Tonnage Request and Modification Certification sheet found at [www.ciwmb.ca.gov/LGCentral/Forms/rytnmdrq.doc](http://www.ciwmb.ca.gov/LGCentral/Forms/rytnmdrq.doc))

c. Some Disposal Reporting System data were corrected. (Please complete Reporting Year Tonnage Modification Request and Certification sheet found at [www.ciwmb.ca.gov/LGCentral/Forms/rytnmdrq.doc](http://www.ciwmb.ca.gov/LGCentral/Forms/rytnmdrq.doc))

**8.** In the table below, list the summarized diversion activities, and diversion data records that support your claim and are available for Board audit. **Note:** *The Board expects the jurisdictions to be able to provide all back-up documentation, if requested.* Include type of record and location—for example, weight tickets from transfer stations. This section should capture all diversion tonnage (form will perform all addition calculations). If any diversion is from restricted wastes, agricultural wastes,inert solids [e.g., concrete, asphalt, dirt,] white goods, and scrap metal, please identify those programs/waste types and fill out Section 10. Please mark as Attachment 8 all copies of survey forms.

\*Please provide detailed Non-Residential waste information in Section 9.

**Note: The Board has indicated that it will be scrutinizing total source reduction amounts greater than 5% of total generation. Please be prepared to provide additional details substantiating your claim.**

Diversion Activity	Actual tons	Relative Percent to Total Generation (A/Total Generation)	Specific Material Type(s) (List operation w/multiple materials in one box)	Specific Conversion Factor Used (if any) and Source	Type of Record and Location of Record
Please use the Board's program types. The program type glossary is online at: <a href="http://www.ciwmb.ca.gov/LGCentral/Paris/Codes/Reduce.htm">www.ciwmb.ca.gov/LGCentral/Paris/Codes/Reduce.htm</a>					
<b>Residential Source Reduction Activities</b>					
Backyard composting	3487	0.2%	Green waste, food waste	400 lb/yr/bin, 137 lb/yr/worm box	City report/onfile at City
Grasscycling		0.0%			
<b>Other Residential Source Reduction (list each program separately)</b>					
Material Handler Residential Source Reduction Activity	20268	1.1%	Books, building materials, reusable materials	NA	Phone surveys, fax back forms/on file with consultant**Increased by 185.4 tons when CIWMB/City staff identified additional tons.
Enter program name		0.0%			
Enter program name		0.0%			
Enter program name		0.0%			
Enter program name		0.0%			
<b>Subtotal, Residential Source Reduction</b>	<b>23755</b>	<b>1.3%</b>			
<b>Residential Recycling Activities</b>					
Curbside Recycling	70491	3.8%	Paper, glass, plastic, metals	NA	Hauler report/on file at City
Buyback Centers	38699	2.1%	Glass, plastic, metals	NA	Hauler and DOC report/on file at City
Drop-off Centers	14054	0.8%	Cardboard, wood, scrap metal	NA	Hauler report/on file at City

Diversion Activity	Actual tons	Relative Percent to Total Generation	Specific Material Type(s) (List operation w/multiple materials in one box)	Specific Conversion Factor Used (if any) and Source	Type of Record and Location of Record
<b>Please use the Board's program types. The program type glossary is online at: <a href="http://www.ciwm.ca.gov/LGCentral/Paris/Codes/Reduce.htm">www.ciwm.ca.gov/LGCentral/Paris/Codes/Reduce.htm</a></b>					
<b>Other Residential Recycling (list each program separately)</b>					
Material Handler Residential Recycling Activity	13881	0.8%	Concrete, cardboard, paper, glass metals, plastics	NA	Phone surveys, fax back forms/on file with consultant
Enter program name					
Enter program name					
Enter program name					
Enter program name					
<b>Subtotal, Residential Recycling</b>	<b>137125</b>	<b>7.4%</b>			
<b>Residential Composting Activities</b>					
<b>Green Waste Drop-off</b>					
Curbside Green Waste	19796	1.1%	Green waste, food waste	NA	Hauler report/on file at City--3251.44 deleted for double count--these tons were included in biomass.
Christmas Tree Program	548	0.0%	Christmas trees	NA	Hauler Report
<b>Other Residential Composting (list each program separately)</b>					
Enter program name					
Enter program name					
Enter program name					
Enter program name					
Enter program name					
<b>Subtotal, Residential Composting</b>	<b>20344</b>	<b>1.1%</b>			
<b>Subtotal, Residential Diversion</b>	<b>181224</b>	<b>9.8%</b>			
<b>Non-Residential Source Reduction Activities:</b>					
<b>Non-Residential Waste Audits*</b>	<b>8101</b>	<b>0.4%</b>	<b>See Section 9</b>	<b>See Section 9</b>	<b>See Section 9</b>
<b>Other Non-Residential Source Reduction (list each program separately)</b>					
Material Handler Commercial Source Reduction Activity	4764	0.3%	Lumber, spent grain, books, mattresses, building materials, inerts, yard and tree waste, reusable materials	NA	Phone surveys, fax back forms/on file with consultant**Added 270 tons identified by CIWMB/City staff.
Enter Program name					
Enter program name					
Enter program name					
Enter program name					
<b>Subtotal, Non-Residential Source Reduction</b>	<b>12865</b>	<b>0.7%</b>			

Diversion Activity	Actual tons	Relative Percent to Total Generation	Specific Material Type(s) (List operation w/multiple materials in one box)	Specific Conversion Factor Used (if any) and Source	Type of Record and Location of Record
Please use the Board's program types. The program type glossary is online at: <a href="http://www.ciwm.ca.gov/LGCentral/Paris/Codes/Reduce.htm">www.ciwm.ca.gov/LGCentral/Paris/Codes/Reduce.htm</a>	(A)	(A/Total Generation)			
<b>Recycling</b>					
<b>Non-Residential Waste Audits*</b>	15602	0.8%	See Section 9	See Section 9	See Section 9
<b>Other Non-Residential Recycling (list each program separately)</b>					
Material Handler Commercial Recycling Activity	70026	3.8%	Tallow, carpet, building materials, cardboard, paper, inert, lumber, tires	NA	Phone surveys, fax back forms/on file with consultant
Permitted Hauler Commercial Collection	39981	2.2%	Bar glass, paper, document destruction, window glass	NA	Hauler report/on file at City
Permitted Hauler MRF	13356	0.7%	Wood, cardboard, glass, plastic, tires, sheetrock	NA	Hauler report/on file at City
Enter program name					
Enter program name					
<b>Subtotal Non-Residential Recycling</b>	<b>138964</b>	<b>7.5%</b>			
<b>Non-Residential Composting Activities</b>					
<b>Non-Residential Waste Audits*</b>	15320	0.8%	See Section 9	See Section 9	See Section 9
<b>Other Non-Residential Composting (list each program separately)</b>					
Material Handler Commercial Composting Activity	3303	0.2%	Green waste, food waste	NA	Phone surveys, fax back forms/on file with consultant
Permittee Hauler Commercial Collection	33935	1.8%	Green waste, food waste	NA	Hauler report/on file at City
Enter program name					
Enter program name					
Enter program name					
<b>Subtotal Non-Residential Composting</b>	<b>52558</b>	<b>2.9%</b>			
<b>Subtotal Non-Residential Diversion</b>	<b>204387</b>	<b>11.1%</b>			
<b>Residential/Non- Residential Diversion Activities</b>					
ADC	40503	2.2%	Green waste, sludge, C&D, soil, auto fluff	NA	Tons include DRS and other landfill beneficial reuse.
Sludge	77161	4.2%	Biosolids (land application, reuse)	NA	City report/on file with City
Scrap Metal	3663	0.2%	Appliances, ferrous and non ferrous metals, steal, tin	NA	
Construction and Demolition	634389	34.4%	Concrete, dirt, asphalt, brick, mixed debris, soil, sand, dirt	NA	Hauler report/on file at City, phone surveys, fax back forms/on file with consultant**Deducted 9,715 tons.
Landfill Salvage	0	0.0%			
<b>Subtotal Residential/ Non-Residential Diversion</b>	<b>755715</b>	<b>41.0%</b>			
<b>Total Res/Non-Res Source Reduction Tons</b>	<b>36620</b>	<b>2.0%</b>			
<b>Total Diversion Tons</b>	<b>1141326</b>	<b>61.9%</b>			
<b>Total Disposal Tons from Sec.7</b>	<b>702012</b>	<b>38.1%</b>			
<b>Total Generation Tons (Div+Dis)</b>	<b>1843338</b>				

Diversion Activity	Actual tons	Relative Percent to Total Generation	Specific Material Type(s) (List operation w/multiple materials in one box)	Specific Conversion Factor Used (if any) and Source	Type of Record and Location of Record
Please use the Board's program types. The program type glossary is online at: <a href="http://www.ciwmb.ca.gov/LGCentral/Paris/Codes/Reduce.htm">www.ciwmb.ca.gov/LGCentral/Paris/Codes/Reduce.htm</a>	(A)	(A/Total Generation)			
<b>Diversion Rate</b>	62%				

#### 9. Specific Non-Residential Sector Waste Audits--Top 10 Non-Residential Generators

Please complete this table for the top 10 non-residential generators that were surveyed. List each non-residential generator separately from largest to smallest, based on total diversion tons. Audit reference number ties to your audit sheets.

(Table will perform all addition calculations).

Type of Non-Residential Generator	Audit Reference Number	Specific/Major Diversion Activities Include Material Type (e.g., paper recycling, grasscycling). (List activities on one line)	Source Reduction Tons	Recycling Tons	Composting Tons	Total Diversion Tons	Percent of Total Generation (Total Diversion Tons/Total Generation in Section 8)	Survey Method Phone (P) Mail (M) On-site (O) Other ____
Federal Park Facility	HM 38	Scrap steel, concrete, yard trimmings, wood, ferrous metal, grasscycling	1440	124462	399	126301	6.9%	P
City Facility	HM 13 & HM 14	Grass, cardboard, brush, manure, tree trunks, concrete, shopping carts	4997	1224	13874	20094.5	1.1%	P
City Department	HM10	Concrete, asphalt, sand, dirt, window glass	15264	2502		17765.5	1.0%	P
Museum	HM12	Concrete, asphalt, steel, rebar, tin		13252		13251.71	0.7%	P
Food Manufacturer	CW20	Okara (soy solids), pallets		4694		4694.4	0.3%	P
Publisher	CW11	Newsprint, paper roll cores, mill wrap, corrugate cardboard		4633		4632.53	0.3%	P
Brewery	CW19	Plastic shrink wrap, paper sacks, spent grains, glass cullet, corrugate cardboard, discarded yeast		4576		4575.76	0.2%	P
Convention Center	HM16	Metal, wood, cardboard, inerts, mixed C&D, pallets, mixed paper, metals, cans and bottles, donations, corrugate cardboard	166	2462		2627.7975	0.1%	P
Bank	AVG1	Corrugate cardboard, mixed paper, film plastic		1526		1526	0.1%	P
Food Manufacturer	CW16	Okara (soy solids), broken pallets	10	1300		1310.4	0.1%	P
<b>Totals</b>			<b>21876.4</b>	<b>160630.198</b>	<b>14273</b>	<b>196779.5975</b>	<b>10.7%</b>	

Also provide an attachment 9 which includes all of the generators surveyed. Include for each generator (use type of generator in lieu of specific business name) diversion activity and material type and associated tonnage for each diversion activity/material type, and applicable conversion factors/sources. Include copies of survey form(s) used.

Summarize the non-residential diversion activities for the top 10 generators quantification methodology, and applicable conversion factors and sources (e.g., cardboard recycling: quantified by monthly tonnage receipts provided by the contact person at the business).

SEE SEPARATE ATTACHMENT CALLED SECTION 9 SUMMARY

**10.** For each restricted waste type (i.e., agricultural waste, inert solids, [e.g. concreter, asphalt, dirt, etc.] scrap metals and white goods [PRC section 41781.2]) and associated program, please provide the following information:

a. If the diversion program started on or after January 1, 1990, complete the following table.

**Note:** program name refers to one specific diversion program for that waste type (e.g., "Diversion conducted by city public waste dept.").

Restricted Waste Type	Specific Program Name	Year Started	Tonnage
Inert Solids	▼ AVG 19 Building Material Salvage	1996	267000
Inert Solids	▼ AVG 12 Landfill	2002	7429
Inert Solids	▼ AVG 12 Landfill	1993	24596
Inert Solids	▼ AVG 14.1 MRF	1999	3875
White Goods	▼ AVG 14.1 MRF	1999	0
Inert Solids	▼ AVG 40 Building Materials Salvage	1992	61

b. If the diversion program started before January 1, 1990 - and if documentation on the program and waste type has not been approved by the Board - on a separate sheet marked "Attachment 10b", provide the documentation that indicates:

- How the diversion was the result of a local action taken by the jurisdiction, which specifically resulted in the diversion (PRC sec. 41781.2 [c] [1]).
- That the amount of that waste type diverted from the jurisdiction in 1990 was less than or equal to the amount of that waste type disposed at a permitted disposal facility by the jurisdiction in any year before 1990. **Note:** this criterion is applicable to the entire jurisdiction, not to individual programs (PRC sec. 41781.2 [c] [2]). Please include documentation.
- That the jurisdiction is implementing, and will continue to implement, the diversion programs in its source reduction and recycling element.

**Note:** If documentation for a waste type and program has already been approved by the Board, you do not have to provide an attachment 10b for that waste type and program.

Instead please provide date of Board approval of previously submitted information. \_\_\_\_\_ (Date)

If documentation is not available, go to 10d.

c. If the diversion program started before January 1, 1990, and the documentation requested in 10b is available (but not yet approved by the Board), complete the table below for each program claimed:

Restricted Waste Type	Specific Program Name	New Base Year or Reporting Year Diversion Tonnage
Inert Solids	▼ Permitted Hauler Inert Recycling Program	32,971.44
Inert Solids	▼ HM 10 Department of Public Works - Bureau of Street and Sewer	18,204.00
Inert Solids	▼ HM 14 Recreation and Parks Department	9,275.00
Scrap Metal	▼ HM 15 Central Warehouse	768.00
Scrap Metal	▼ HM 16 Moscone Convention Center	1,554.96
Inert Solids	▼ HM 16 Moscone Convention Center	2,019.00

d. If the diversion program started before January 1, 1990, and the documentation requested in 10b is not available, please complete the table below for each program claimed. **Note:** Only the difference between the new base year/reporting year and 1990 can be counted in the diversion rate calculation.

Restricted Waste Type	Specific Program Name	New Base Year or Reporting Year Tonnage	1990 Diversion Tonnage	Difference
Inert Solids	▼ AVG 11 Construction and Demolition Contract	10,000	1,000	9,000
Inert Solids	▼ AVG 14.2 Landfill	578.62	277.42	301.2
Inert Solids	▼ AVG 51 Excavation and demolition	717,588	543,627	173,961
Pull Down for Waste Types	▼			
Pull Down for Waste Types	▼			
Pull Down for Waste Types	▼			

**City and County of San Francisco: CY 2002 Waste Generation Study**  
Generator Data Input

Auditor	Ref. No.	Business Type	Sector (Res/Com/G ov)	Material Description	Material Code	Diversion Method	Qty.	Convers ion Unit Code	Freq. Code	Conversion Factor (lbs / unit)	Source Code	Yearly to Tons/Yr	Annual Diversion (Tons / Yr)	Non-Recipient Tonnage	Adjust for #3
															changes
AVG	1	Bank	Com	Corrugate Ca	OCC	R	76.0	t	y	2,000.00	Doc Wt	76.00	76.00	0.00	0.00
AVG	1	Bank	Com	Mixed Paper	Mxd Ppr	R	1,436.0	t	y	2,000.00	Doc Wt	1,436.00	1,436.00	0.00	0.00
AVG	1	Bank	Com	Film Plastic	Oth Plas	R	14.0	t	y	2,000.00	Doc Wt	14.00	14.00	0.00	0.00
AVG	2	School	Com	grasscycling	Yard	SR	46.0	Acr Gr	y	15,200.00	Doc Wt	349.60	349.60	349.60	0.00
CW	3		Com	Food	Food	SR	1.2	t	y	2,000.00	Doc Wt	1.20	1.20	0.00	0.00
CW	4		Com	Mixed Paper	Mxd Ppr	R	223.2	t	y	2,000.00	Doc Wt	223.22	223.22	0.00	0.00
CW	5	Food Manuf.	Com	Bread Dough	Food	R	650.0	t	y	2,000.00	Doc Wt	650.00	650.00	0.00	0.00
CW	6	Dept. Store	Com	Corrugate Ca	OCC	R	622.3	t	y	2,000.00	Doc Wt	622.30	622.30	622.30	0.00
CW	6	Dept. Store	Com	Corrugate Ca	OCC	SR	2.0	t	y	2,000.00	Doc Wt	2.00	2.00	2.00	0.00
CW	6	Dept. Store	Com	Plastic Hange	Oth Plas	SR	4.1	t	y	2,000.00	Doc Wt	4.10	4.10	4.10	0.00
CW	6	Dept. Store	Com	White Paper	Hi Grd Ppr	R	144.0	t	y	2,000.00	Doc Wt	144.00	144.00	144.00	0.00
CW	6	Dept. Store	Com	Scrap Wood	Wood	R	21.8	t	y	2,000.00	Doc Wt	21.80	21.80	21.80	0.00
CW	7	Warehouse/D	Com	Produce	Food	R	443.5	t	y	2,000.00	Doc Wt	443.50	443.50	0.00	0.00
CW	7	Warehouse/D	Com	Corrugate Ca	OCC	R	98.8	t	y	2,000.00	Doc Wt	98.80	98.80	98.80	0.00
CW	7	Warehouse/D	Com	Plastic Shrink	Oth Plas	R	0.4	t	y	2,000.00	Doc Wt	0.41	0.41	0.41	0.00
CW	7	Warehouse/D	Com	Broken Pallet	Wood	R	4.0	t	y	2,000.00	Doc Wt	4.00	4.00	4.00	0.00
CW	7	Warehouse/D	Com	Packaged Foo	Food	R	88.0	t	y	2,000.00	Doc Wt	88.00	88.00	88.00	0.00
CW	7	Warehouse/D	Com	Starchy Food	Food	R	45.7	t	y	2,000.00	Doc Wt	45.70	45.70	0.00	0.00
CW	8	Dept. Store	Com	Mixed Paper	Mxd Ppr	R	99.5	t	y	2,000.00	Doc Wt	99.51	99.51	99.51	0.00
CW	8	Dept. Store	Com	Corrugate Ca	OCC	R	109.5	t	y	2,000.00	Doc Wt	109.50	109.50	109.50	0.00
CW	8	Dept. Store	Com	Clothes Hang	Oth Plas	R	18.3	t	y	2,000.00	Doc Wt	18.25	18.25	18.25	0.00
CW	8	Dept. Store	Com	Film Plastic	Oth Plas	R	1.3	t	y	2,000.00	Doc Wt	1.32	1.32	1.32	0.00
CW	8	Dept. Store	Com	Plastic Bottles	Oth Plas	R	0.1	t	y	2,000.00	Doc Wt	0.11	0.11	0.11	0.00
CW	8	Dept. Store	Com	Pallets	Wood	R	52.0	t	y	2,000.00	Doc Wt	52.00	52.00	52.00	0.00
CW	9	Dept. Store	Com	Office Paper	Hi Grd Ppr	R	63.0	t	y	2,000.00	Doc Wt	63.00	63.00	63.00	0.00
CW	9	Dept. Store	Com	Mixed Paper	Mxd Ppr	R	109.0	t	y	2,000.00	Doc Wt	109.00	109.00	109.00	0.00
CW	9	Dept. Store	Com	Corrugate Ca	OCC	R	219.0	t	y	2,000.00	Doc Wt	219.00	219.00	219.00	0.00
CW	9	Dept. Store	Com	Film Plastic	Oth Plas	R	13.0	t	y	2,000.00	Doc Wt	13.00	13.00	13.00	0.00
CW	9	Dept. Store	Com	Broken Hange	Oth Plas	R	5.5	t	y	2,000.00	Doc Wt	5.48	5.48	5.48	0.00
CW	9	Dept. Store	Com	Plastic Bottles	Oth Plas	R	5.5	t	y	2,000.00	Doc Wt	5.48	5.48	5.48	0.00
CW	9	Dept. Store	Com	Pallets	Wood	R	109.0	t	y	2,000.00	Doc Wt	109.00	109.00	109.00	0.00
CW	9	Dept. Store	Com	Scrap Wood	Wood	R	0.3	t	y	2,000.00	Doc Wt	0.30	0.30	0.30	0.00
CW	9	Dept. Store	Com	Glass Bottles	Bot & Jar	R	10.0	t	y	2,000.00	Doc Wt	9.98	9.98	9.98	0.00
CW	9	Dept. Store	Com	Clothes Hang	Oth Plas	R	38.0	t	y	2,000.00	Doc Wt	38.00	38.00	38.00	0.00
CW	10	Dept. Store	Com	Styro Kernels	Oth Plas	SR	0.0	t	y	2,000.00	Doc Wt	0.04	0.04	0.04	0.00
CW	10	Dept. Store	Com	Pallets	Wood	R	0.2	t	y	2,000.00	Doc Wt	0.15	0.15	0.00	0.00
CW	11	Publisher	Com	Newsprint	News	R	4,290.0	t	y	2,000.00	Doc Wt	4,290.00	4,290.00	4,290.00	0.00
CW	11	Publisher	Com	Paper roll corr	Oth Ppr	R	240.5	t	y	2,000.00	Doc Wt	240.53	240.53	240.53	0.00
CW	11	Publisher	Com	Mill Wrap (Kra	Oth Ppr	R	83.0	t	y	2,000.00	Doc Wt	83.00	83.00	83.00	0.00
CW	11	Publisher	Com	Corrugate Ca	OCC	R	19.0	t	y	2,000.00	Doc Wt	19.00	19.00	19.00	0.00
CW	12	Beverage Dis	Com	Broken Pallet	Wood	R	12.0	t	y	2,000.00	Doc Wt	12.00	12.00	0.00	0.00

CW	12	Beverage Dist	Com	Plastic Shrink	Oth Plas	R	9.0	t	y	2,000.00	Doc Wt	9.00	9.00	9.00	0.00
CW	12	Beverage Dist	Com	Mixed bevng crd	Oth Plas	R	1.7	t	y	2,000.00	Doc Wt	1.69	1.69	1.69	0.00
CW	12	Beverage Dist	Com	Office Paper	Hi Grd Ppr	R	0.6	t	y	2,000.00	Doc Wt	0.60	0.60	0.60	0.00
CW	12	Beverage Dist	Com	Corrugate Ca	OCC	R	11.2	t	y	2,000.00	Doc Wt	11.20	11.20	11.20	0.00
CW	13	Foods Dist	Com	Mixed Paper	Mxd Ppr	R	3.0	t	y	2,000.00	Doc Wt	3.00	3.00	0.00	0.00
CW	13	Foods Dist	Com	Food Waste	Food	R	52.0	t	y	2,000.00	Doc Wt	52.00	52.00	0.00	0.00
CW	14	Lumber Comp	Com	Polypropylene	Oth Plas	R	3.9	t	y	2,000.00	Doc Wt	3.90	3.90	3.90	0.00
CW	15	Brewery	Com	Spent grains	Food	R	52.0	t	y	2,000.00	Doc Wt	52.00	52.00	52.00	0.00
CW	16	Food Manuf.	Com	Okara (soy so)	Food	R	1,300.0	t	y	2,000.00	Doc Wt	1,300.00	1,300.00	1,300.00	0.00
CW	16	Food Manuf.	Com	Broken Pallets	Wood	SR	10.0	pallet	1/w	40.00	Doc Wt		10.40	0.00	0.00
CW	17	Paper Compa	Com	Damaged Pap	Oth Ppr	SR	15.0	t	y	2,000.00	Doc Wt	15.00	15.00	15.00	0.00
CW	17	Paper Compa	Com	Paper Return	Oth Ppr	SR	20.0	t	y	2,000.00	Doc Wt	20.00	20.00	20.00	0.00
CW	17	Paper Compa	Com	Paper Wrappi	Oth Ppr	SR	20.0	t	y	2,000.00	Doc Wt	20.00	20.00	20.00	0.00
CW	18	Grocery Store	Com	Corrugate Ca	OCC	R	657.0	t	y	2,000.00	Doc Wt	657.00	657.00	0.00	0.00
CW	18	Grocery Store	Com	Plastic Shrink	Oth Plas	R	11.0	t	y	2,000.00	Doc Wt	10.95	10.95	0.00	0.00
CW	18	Grocery Store	Com	Plastic Bottles	Oth Plas	R	0.3	t	y	2,000.00	Doc Wt	0.30	0.30	0.00	0.00
CW	18	Grocery Store	Com	Packaged Foo	Food	R	328.5	t	y	2,000.00	Doc Wt	328.50	328.50	328.50	0.00
CW	19	Brewery	Com	Plastic Shrink	Oth Plas	R	3.0	t	y	2,000.00	Doc Wt	3.00	3.00	3.00	0.00
CW	19	Brewery	Com	Paper Sacks	Oth Ppr	R	45.6	t	y	2,000.00	Doc Wt	45.63	45.63	0.00	0.00
CW	19	Brewery	Com	Spent grain	Food	R	3,804.0	t	y	2,000.00	Doc Wt	3,804.00	3,804.00	0.00	0.00
CW	19	Brewery	Com	Glass Cullet	Oth Glass	R	17.3	t	y	2,000.00	Doc Wt	17.33	17.33	17.33	0.00
CW	19	Brewery	Com	Corrugate Ca	OCC	R	28,000.0	lb	y	1.00	Doc Wt	14.00	14.00	0.00	0.00
CW	19	Brewery	Com	Discarded Ye	Food	R	691.8	t	y	2,000.00	Doc Wt	691.80	691.80	691.80	0.00
CW	20	Food Manuf.	Com	Okara (soy so)	Food	R	4,680.0	t	y	2,000.00	Doc Wt	4,680.00	4,680.00	4,680.00	0.00
CW	20	Food Manuf.	Com	Broken Pallets	Wood	R	14.4	t	y	2,000.00	Doc Wt	14.40	14.40	0.00	0.00
CW	21	Beverage Dist	Com	Corrugate Ca	OCC	R	39.0	t	y	2,000.00	Doc Wt	39.00	39.00	0.00	0.00
CW	21	Beverage Dist	Com	Plastic Shrink	Oth Plas	R	9.8	t	y	2,000.00	Doc Wt	9.75	9.75	9.75	0.00
CW	21	Beverage Dist	Com	Broken Pallets	Wood	R	270.4	t	y	2,000.00	Doc Wt	270.40	270.40	270.40	0.00
CW	21	Beverage Dist	Com	Office Paper	Hi Grd Ppr	R	3.0	t	y	2,000.00	Doc Wt	3.00	3.00	3.00	0.00
CW	22	Grocery Store	Com	Plastic Bucke	Oth Plas	R	1.7	t	y	2,000.00	Doc Wt	1.73	1.73	1.73	0.00
CW	22	Grocery Store	Com	Fixtures/Appli	Oth Recyc	R	7.0	t	y	2,000.00	Doc Wt	7.00	7.00	0.00	0.00
CW	22	Grocery Store	Com	Pallets	Wood	R	43.8	t	y	2,000.00	Doc Wt	43.80	43.80	43.80	0.00
CW	22	Grocery Store	Com	Pallets	Wood	R	5.2	t	y	2,000.00	Doc Wt	5.20	5.20	5.20	0.00
CW	22	Grocery Store	Com	Styro Kernels	Oth Plas	R	1.6	t	y	2,000.00	Doc Wt	1.63	1.63	1.63	0.00
CW	22	Grocery Store	Com	Metal Drums	Fer	R	7.0	t	y	2,000.00	Doc Wt	7.00	7.00	0.00	0.00
CW	23	Thrift Store	Com	Textiels	Oth Recyc	R	97.5	t	y	2,000.00	Doc Wt	97.50	97.50	97.50	0.00
CW	23	Thrift Store	Com	Shoes	Oth Recyc	R	2.4	t	y	2,000.00	Doc Wt	2.40	2.40	0.00	0.00
CW	23	Thrift Store	Com	Small Appliance	Oth Recyc	R	6.5	t	y	2,000.00	Doc Wt	6.50	6.50	6.50	0.00
CW	23	Thrift Store	Com	Books	Oth Recyc	R	45.5	t	y	2,000.00	Doc Wt	45.50	45.50	0.00	0.00
CW	24	US Govt Build	Gov	Mixed Paper	Mxd Ppr	R	155.0	t	y	2,000.00	Doc Wt	155.00	155.00	155.00	0.00
CW	24	US Govt Build	Gov	Corrugate Ca	OCC	R	8.0	t	y	2,000.00	Doc Wt	8.00	8.00	8.00	0.00
CW	25	Postal Proces	Gov	Scrap Plastic	Oth Plas	R	17.4	t	y	2,000.00	Doc Wt	17.43	17.43	17.43	0.00
CW	25	Postal Proces	Gov	Metals	Fer	R	82.6	t	y	2,000.00	Doc Wt	82.62	82.62	82.62	0.00
CW	25	Postal Proces	Gov	Mixed Paper	Mxd Ppr	R	269.7	t	y	2,000.00	Doc Wt	269.69	269.69	269.69	0.00
CW	25	Postal Proces	Gov	Corrugate Ca	OCC	R	110.9	t	y	2,000.00	Doc Wt	110.93	110.93	110.93	0.00
CW	26	US Govt Build	Gov	Mixed Recycl	Oth Recyc	R	70.0	t	y	2,000.00	Doc Wt	70.00	70.00	0.00	0.00
CW	27	US Govt Build	Gov	Mixed Recycl	Oth Recyc	R	99.0	t	y	2,000.00	Doc Wt	99.00	99.00	0.00	0.00
CW	28	US Govt Build	Gov	Mixed Recycl	Oth Recyc	R	75.0	t	y	2,000.00	Doc Wt	75.00	75.00	0.00	0.00

CW	<b>29</b>	US Govt Build	Gov	Mixed Recycl	Oth Recyc	R	99.0	t	y	2,000.00	Doc Wt	99.00	99.00	<b>0.00</b>	<b>0.00</b>
CW	<b>30</b>	US Govt Build	Gov	Mixed Recycl	Oth Recyc	R	40.0	t	y	2,000.00	Doc Wt	40.00	40.00	<b>0.00</b>	<b>0.00</b>
CW	<b>31</b>	US Govt Build	Gov	Mixed Recycl	Oth Recyc	R	16.0	t	y	2,000.00	Doc Wt	16.00	16.00	<b>0.00</b>	<b>0.00</b>
CW	<b>32</b>	US Govt Build	Gov	Mixed Paper	Mxd Ppr	R	167.5	t	y	2,000.00	Doc Wt	167.50	167.50	<b>0.00</b>	<b>0.00</b>
CW	<b>32</b>	US Govt Build	Gov	White Paper	Hi Grd Ppr	R	12.2	t	y	2,000.00	Doc Wt	12.19	12.19	<b>0.00</b>	<b>0.00</b>
CW	<b>32</b>	US Govt Build	Gov	Corrugate Ca	OCC	R	73.8	t	y	2,000.00	Doc Wt	73.75	73.75	<b>0.00</b>	<b>0.00</b>
CW	<b>32</b>	US Govt Build	Gov	Books	Oth Recyc	R	0.1	t	y	2,000.00	Doc Wt	0.11	0.11	<b>0.11</b>	<b>0.00</b>
CW	<b>33</b>	US Govt Build	Gov	Mixed Paper	Mxd Ppr	R	75.0	t	y	2,000.00	Doc Wt	75.00	75.00	<b>0.00</b>	<b>0.00</b>
CW	<b>33</b>	US Govt Build	Gov	White Paper	Hi Grd Ppr	R	12.0	t	y	2,000.00	Doc Wt	12.00	12.00	<b>0.00</b>	<b>0.00</b>
CW	<b>33</b>	US Govt Build	Gov	Corrugate Ca	OCC	R	7.0	t	y	2,000.00	Doc Wt	7.00	7.00	<b>7.00</b>	<b>0.00</b>
CW	<b>34</b>	Brewery	Com	Spent grains	Food	R	46.8	t	y	2,000.00	Doc Wt	46.80	46.80	<b>46.80</b>	<b>0.00</b>
CW	<b>35</b>	Brewery	Com	Spent grains	Food	R	280.0	t	y	2,000.00	Doc Wt	280.00	280.00	<b>280.00</b>	<b>0.00</b>
AVG	<b>36</b>	Golf Course	Com	grasscycling	Yard	SR	136.0	Acr Gr	y	15,200.00	CIWMB	1,033.60	1,033.60	<b>1,033.60</b>	<b>0.00</b>
HM	<b>37</b>	home compost	Res	organic mater	Yard	C	3,316.8	t	y	2,000.00	Doc Wt	3,316.83	3,316.83	<b>3,316.83</b>	<b>0.00</b>
HM	<b>37</b>	Home compost	Res	organic mater	Food	C	169.9	t	y	2,000.00	Doc Wt	169.86	169.86	<b>169.86</b>	<b>0.00</b>
HM	<b>38</b>	Federal Park	Com	scrap steel	Fer	R	2,376.0	t	y	2,000.00	Doc Wt	2,376.00	2,376.00	<b>2,376.00</b>	<b>0.00</b>
HM	<b>38</b>	Federal Park	Com	concrete	Inert	R	61,013.0	t	y	2,000.00	Doc Wt	61,013.00	61,013.00	<b>61,013.00</b>	<b>0.00</b>
HM	<b>38</b>	Federal Park	Com	concrete	Inert	SR	61,013.0	t	y	2,000.00	Doc Wt	61,013.00	61,013.00	<b>61,013.00</b>	<b>0.00</b>
HM	<b>38</b>	Federal Park	Com	yard trimming	Yard	C	410,000.0	lb	y	1.00	Doc Wt	205.00	205.00	<b>205.00</b>	<b>0.00</b>
HM	<b>38</b>	Federal Park	Com	wood for lumb	Wood	R	60,000.0	lb	y	1.00	Doc Wt	30.00	30.00	<b>30.00</b>	<b>270.00</b>
HM	<b>38</b>	Federal Park	Com	wood as biofu	Wood	R	0.0	lb	y	1.00	Doc Wt	0.00	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
HM	<b>38</b>	Federal Park	Com	grass, manure	Yard	C	387,500.0	lb	y	1.00	Doc Wt	193.75	193.75	<b>193.75</b>	<b>0.00</b>
HM	<b>38</b>	Federal Park	Com	ferrous metal	Fer	R	120,000.0	lb	y	1.00	Doc Wt	60.00	60.00	<b>60.00</b>	<b>0.00</b>
HM	<b>38</b>	Federal Park	Com	grasscycling	Yard	SR	25.0	Acr Gr	y	15,200.00	CIWMB	190.00	190.00	<b>190.00</b>	<b>0.00</b>
HM	<b>38</b>	Federal Park	Com	grasscycling	Yard	SR	125.0	Acr Gr	y	15,200.00	CIWMB	950.00	950.00	<b>950.00</b>	<b>0.00</b>
HM	<b>38</b>	Federal Park	Com	non-ferrous	Non-Fer	R	12,850.0	lb	y	1.00	Doc Wt	6.43	6.43	<b>6.43</b>	<b>0.00</b>
AVG	<b>39</b>	College	Com	business mat	Oth Reus	SR	300.0	t	y	2,000.00	CIWMB	300.00	300.00	<b>300.00</b>	<b>0.00</b>
AVG	<b>39</b>	College	Com	grasscycling	Yard	C	150.0	t	y	2,000.00	CIWMB	150.00	150.00	<b>150.00</b>	<b>0.00</b>
AVG	<b>39</b>	College	Com	composting/m	Yard	C	10.0	t	y	2,000.00	CIWMB	10.00	10.00	<b>10.00</b>	<b>0.00</b>
AVG	<b>40</b>	telephone con	Com	mixed paper	Mxd Ppr	R	207,480.0	lb	y	1.00	Doc Wt	103.74	103.74	<b>103.74</b>	<b>0.00</b>
										<b>0.00</b>	Check Units		<b>0.00</b>	<b>0.00</b>	
										<b>0.00</b>	Check Units		<b>Check Freq</b>	<b>Check Freq</b>	<b>0.00</b>
												<b>Net change</b>			<b>270.00</b>

**City and County of San Francisco: CY 2002 Waste Generation Study**

City Department Data Input

Auditor	Ref. No.	Business Type	Sector	Material Description	Material Code	Diversion Method	Qty.	Conver	Conversion Factor (lbs / unit)	Conversion Source Code	Annual	Non-Recipient Tonnage	Adjust for #3 changes
			(Res/Com/G ov)					sion Unit			Diversion (Tons / Yr)		
LP	1	Museum	Gov	Food scraps	Food	C	118.2	t	y	2,000.00	Verb Est	118.20	0.00
LP	1	Museum	Gov	Grease	Oth Recyc	R	4.9	t	y	2,000.00	Doc Wt	4.90	0.00
LP	1	Museum	Gov	Cardboard	OCC	R	2.6	t	y	2,000.00	Doc Wt	2.60	0.00
LP	1	Museum	Gov	Pallets	Oth Reus	SR	2.1	t	y	2,000.00	Onsite	2.10	2.10
LP	1	Museum	Gov	Computers	Oth Recyc	R	0.6	t	y	2,000.00	Onsite	0.60	0.60
LP	1	Museum	Gov	Mixed paper	Mxd Ppr	R	18.9	t	y	2,000.00	Doc Wt	18.90	0.00
LP	1	Museum	Gov	Lumber	Wood	SR	0.3	t	y	2,000.00	Verb Est	0.30	0.30
LP	1	Museum	Gov	Plywood	Oth Reus	SR	0.4	t	y	2,000.00	Verb Est	0.40	0.40
LP	1	Museum	Gov	Clothing	Oth Reus	SR	0.0	t	y	2,000.00	Verb Est	0.03	0.03
LP	1	Museum	Gov	Landscaping	Yard	C	0.8	t	y	2,000.00	Verb Est	0.80	0.80
LP	1	Museum	Gov	Glass bottles	Bot & Jar	R	1.2	t	y	2,000.00	Doc Wt	1.20	0.00
LP	1	Museum	Gov	Plastic bottles	PET	R	1.7	t	y	2,000.00	Doc Wt	1.70	0.00
LP	1	Museum	Gov	Metal chairs	Fer	SR	0.1	t	y	2,000.00	Verb Est	0.05	0.05
LP	2	Museum	Gov	Cardboard	OCC	R	0.1	t	y	2,000.00	Doc Wt	0.10	0.00
LP	2	Museum	Gov	White paper	Hi Grd Ppr	R	18.9	t	y	2,000.00	Doc Wt	18.90	0.00
LP	2	Museum	Gov	Plastic bottles	PET	R	0.8	t	y	2,000.00	Doc Wt	0.80	0.00
LP	3	Office	Gov	Cardboard	OCC	R	3.9	t	y	2,000.00	Doc Wt	3.90	0.00
LP	3	Office	Gov	Office paper	Hi Grd Ppr	R	14.2	t	y	2,000.00	Doc Wt	14.20	0.00
LP	3	Office	Gov	Toner cartridges	Oth Recyc	R	0.0	t	y	2,000.00	Verb Est	0.03	0.03
LP	4	City Department	Gov	Mixed paper	Mxd Ppr	R	85.1	t	y	2,000.00	Doc Wt	85.10	0.00
LP	4	City Department	Gov	White paper	Hi Grd Ppr	R	28.4	t	y	2,000.00	Doc Wt	28.40	0.00
LP	4	City Department	Gov	Mixed containers	Alum Cans	R	16.5	t	y	2,000.00	Doc Wt	16.50	0.00
LP	4	City Department	Gov	Yard waste	Yard	C	19.8	t	y	2,000.00	Doc Wt	19.80	0.00
LP	4	City Department	Gov	Cardboard boxes	OCC	SR	0.7	t	y	2,000.00	Verb Est	0.70	0.70
LP	4	City Department	Gov	Mulch	Yard	SR	22.5	t	y	2,000.00	Verb Est	22.50	22.50
LP	4	City Department	Gov	Carbon pellets	Oth Recyc	R	0.8	t	y	2,000.00	Doc Wt	0.80	0.80
LP	4	City Department	Gov	Pallets	Oth Reus	SR	0.6	t	y	2,000.00	Verb Est	0.60	0.60
LP	4	City Department	Gov	Scrap wood	Oth Reus	SR	0.1	t	y	2,000.00	Verb Est	0.10	0.10
LP	5	Public Transit	Gov	Mixed paper	Mxd Ppr	R	18.9	t	y	2,000.00	Doc Wt	18.90	0.00
LP	5	Public Transit	Gov	Mixed containers	Alum Cans	R	10.4	t	y	2,000.00	Doc Wt	10.40	0.00
LP	6	City Department	Gov	Mixed paper	Mxd Ppr	R	56.7	t	y	2,000.00	Doc Wt	56.70	0.00
LP	6	City Department	Gov	Office paper	Hi Grd Ppr	R	1.8	t	y	2,000.00	N/A	1.80	1.80
LP	6	City Department	Gov	Pallets	Oth Recyc	R	48.0	t	y	2,000.00	N/A	48.00	48.00
LP	7	Juvenile Hall	Gov	Shredded paper	Hi Grd Ppr	R	2.9	t	y	2,000.00	N/A	2.90	2.90
LP	7	Juvenile Hall	Gov	Mixed paper	Mxd Ppr	R	59.4	t	y	2,000.00	Doc Wt	59.40	0.00
LP	7	Juvenile Hall	Gov	Cardboard	OCC	R	606.4	t	y	2,000.00	Doc Wt	606.40	0.00
LP	7	Juvenile Hall	Gov	Pallets	Oth Reus	SR	5.2	t	y	2,000.00	N/A	5.20	5.20
LP	7	Juvenile Hall	Gov	Cardboard boxes	OCC	SR	0.4	t	y	2,000.00	N/A	0.40	0.40
LP	8	Memorial	Gov	Pallets	Oth Recyc	R	1.0	t	y	2,000.00	Doc Wt	1.00	0.00
LP	8	Memorial	Gov	Cardboard	OCC	R	2.6	t	y	2,000.00	Doc Wt	2.60	0.00
LP	8	Memorial	Gov	Mixed containers	Alum Cans	R	7.9	t	y	2,000.00	Doc Wt	7.90	0.00
LP	8	Memorial	Gov	Mixed paper	Mxd Ppr	R	31.2	t	y	2,000.00	Doc Wt	31.20	0.00

LP	<b>8</b>	Memorial	Gov	Yard waste	Yard	R	0.3	t	y	2,000.00	Verb Est	<b>0.00</b>	<b>0.00</b>	
LP	<b>8</b>	Memorial	Gov	Toner cartridges	Oth Recyc	R	0.0	t	y	2,000.00	Verb Est	0.01	0.01	
LP	<b>8</b>	Memorial	Gov	Batteries	Oth Recyc	R	0.1	t	y	2,000.00	Doc Wt	<b>0.00</b>	<b>0.00</b>	
LP	<b>8</b>	Memorial	Gov	Organics	Food	C	143.0	t	y	2,000.00	Doc Wt	143.00	<b>0.00</b>	
LP	<b>8</b>	Memorial	Gov	Glass bottles	Bot & Jar	R	10.4	t	y	2,000.00	Doc Wt	10.40	<b>0.00</b>	
LP	<b>9</b>	Stadium	Gov	Organics	Food	R	9.0	t	y	2,000.00	Doc Wt	<b>0.00</b>	<b>0.00</b>	
LP	<b>9</b>	Stadium	Gov	Paper/OCC	Mxd Ppr	R	22.0	t	y	2,000.00	Doc Wt	22.00	<b>0.00</b>	
LP	<b>9</b>	Stadium	Gov	Mixed containers	Alum Cans	R	11.0	t	y	2,000.00	Doc Wt	11.00	<b>0.00</b>	
HM	<b>10</b>	City Department	Gov	Concrete/asphalt	Inert	SR	5,500.0	t	y	2,000.00	Verb Est	5,500.00	5,500.00	
HM	<b>10</b>	City Department	Gov	Concrete	Inert	R	2,500.0	t	y	2,000.00	Verb Est	2,500.00	2,500.00	
HM	<b>10</b>	City Department	Gov	Sand	Inert	SR	9,764.0	t	y	2,000.00	Verb Est	9,764.00	9,764.00	
HM	<b>10</b>	City Department	Gov	Dirt/clean fill	Inert	SR	440.0	t	y	2,000.00	Verb Est	440.00	440.00	-440
HM	<b>10</b>	City Department	Gov	Window glass	Oth Glass	R	1.5	t	y	2,000.00	Doc Wt	1.50	<b>0.00</b>	
HM	<b>11</b>	City Department	Gov	Grass and wood chi	Yard	C	1,101.0	t	y	2,000.00	Verb Est	1,101.00	1,101.00	
HM	<b>12</b>	Museum	Gov	Concrete	Inert	R	12,960.0	t	y	2,000.00	Doc Wt	12,960.00	<b>0.00</b>	
HM	<b>12</b>	Museum	Gov	Asphalt	Inert	R	108.0	t	y	2,000.00	Doc Wt	108.00	<b>0.00</b>	
HM	<b>12</b>	Museum	Gov	Steel	Fer	R	27.7	t	y	2,000.00	Doc Wt	27.67	27.67	
HM	<b>12</b>	Museum	Gov	Rebar	Fer	R	48.9	t	y	2,000.00	Doc Wt	48.88	48.88	
HM	<b>12</b>	Museum	Gov	Tin	Non-Fer	R	107.2	t	y	2,000.00	Doc Wt	107.16	107.16	
HM	<b>13</b>	City Facility	Gov	Grass	Yard	SR	4,560.0	t	y	2,000.00	Verb Est	4,560.00	4,560.00	
HM	<b>13</b>	City Facility	Gov	Cardboard	OCC	R	1,000.0	t	y	2,000.00	Doc Wt	1,000.00	<b>0.00</b>	
HM	<b>13</b>	City Facility	Gov	Brush	Yard	C	10,725.0	t	y	2,000.00	On Farm Comp	10,725.00	10,725.00	
HM	<b>13</b>	City Facility	Gov	Manure	Manure	C	3,130.0	t	y	2,000.00	Doc Wt	3,130.00	3,130.00	
HM	<b>13</b>	City Facility	Gov	Tree trunks	Wood	R	100.0	t	y	2,000.00	Doc Wt	100.00	100.00	
HM	<b>13</b>	City Facility	Gov	Tree trunks	Wood	SR	25.0	t	y	2,000.00	Doc Wt	25.00		
HM	<b>14</b>	City Facility	Gov	Concrete	Oth Reus	SR	9,275.0	t	y	2,000.00	Doc Wt	9,275.00	9,275.00	-9275
HM	<b>14</b>	City Facility	Gov	Shopping carts	Oth Recyc	SR	105.0	t	y	2,000.00	Doc Wt	105.00	105.00	185.4
HM	<b>14</b>	City Facility	Gov	Paper/OCC	Mxd Ppr	R	224.0	t	y	2,000.00	Doc Wt	224.00	<b>0.00</b>	
HM	<b>14</b>	City Facility	Gov	Mixed containers	Alum Cans	R	21.0	t	y	2,000.00	Doc Wt	21.00	<b>0.00</b>	
HM	<b>14</b>	City Facility	Gov	Organics	Food	C	19.0	t	y	2,000.00	Doc Wt	19.00	<b>0.00</b>	
HM	<b>15</b>	City Facility	Gov	Scrap metal	Fer	R	270.0	t	y	2,000.00	Doc Wt	270.00	270.00	
HM	<b>15</b>	City Facility	Gov	Scrap metal	Non-Fer	R	498.0	t	y	2,000.00	Doc Wt	498.00	498.00	
HM	<b>16</b>	Convention Cente	Gov	Mixed C&D	Oth Recyc	R	2,849,925.0	lb	y	1.00	Doc Wt	1,424.96	<b>0.00</b>	
HM	<b>16</b>	Convention Cente	Gov	Metal	Fer	R	269,500.0	lb	y	1.00	Doc Wt	134.75	<b>0.00</b>	
HM	<b>16</b>	Convention Cente	Gov	Wood	Wood	R	39,420.0	lb	y	1.00	Doc Wt	19.71	<b>0.00</b>	
HM	<b>16</b>	Convention Cente	Gov	Cardboard	OCC	R	15,750.0	lb	y	1.00	Doc Wt	7.88	<b>0.00</b>	
HM	<b>16</b>	Convention Cente	Gov	Clean Inerts	Inert	R	792,000.0	lb	y	1.00	Doc Wt	396.00	<b>0.00</b>	
HM	<b>16</b>	Convention Cente	Gov	Mixed inerts	Inert	R	396,000.0	lb	y	1.00	Doc Wt	198.00	<b>0.00</b>	
HM	<b>16</b>	Convention Cente	Gov	Pallets	Wood	SR	68.0	t	y	2,000.00	Doc Wt	68.00	68.00	
HM	<b>16</b>	Convention Cente	Gov	Mixed Paper	Mxd Ppr	R	130.0	t	y	2,000.00	Doc Wt	130.00	<b>0.00</b>	
HM	<b>16</b>	Convention Cente	Gov	Metals	Fer	R	3.0	t	y	2,000.00	Doc Wt	3.00	3.00	
HM	<b>16</b>	Convention Cente	Gov	Cans and Bottles	Bot & Jar	R	25.0	t	y	2,000.00	Doc Wt	25.00	25.00	
HM	<b>16</b>	Convention Cente	Gov	Donations	Oth Recyc	SR	97.5	t	y	2,000.00	Doc Wt	97.50	97.50	
HM	<b>16</b>	Convention Cente	Gov	Corrugated Cardboa	OCC	R	123.0	t	y	2,000.00	Doc Wt	123.00	<b>0.00</b>	
										<b>0.00</b>	Check Units		<b>0.00</b>	
												<b>Net change</b>	<b>-9529.6</b>	

**City and County of San Francisco: CY 2002 Waste Generation Study**  
Material Handler and Construction and Demolition Data Input

Auditor	Ref. No.	Business Type	Sector (Res/Com/Gov)	Material Description	Material Code	Diversion Method	Qty.	Conversion Unit Code	Freq. Code	Conversion Factor (lbs / unit)	Conversion Source Code	Annual Diversion (Tons / Yr)	Non-Recipient Tonnage	Adjust for Attachment 3 changes
AVG	1	Wood Reuse	Com	Recycled Lumber	Wood	SR	20.0	t	y	2,000.00	Doc Wt	20.00	20.00	
AVG	2	Farmer	Com	Spent Grain	Food	SR	3,120.0	t	y	2,000.00	Doc Wt	3,120.00	3,120.00	
AVG	3	Educational Material Reuse	Com	Books	Oth Reus	SR	2.3	t	y	2,000.00	Doc Wt	2.28	2.28	
AVG	3	Educational Material Reuse	Res	Books	Oth Reus	SR	43.2	t	y	2,000.00	Doc Wt	43.23	43.23	
AVG	3	Educational Material Reuse	Com	Books	Oth Reus	SR	15.0	lb	y	1.00	Doc Wt	0.01	0.00	
AVG	3	Educational Material Reuse	Res	Books	Oth Reus	SR	285.0	t	y	2,000.00	Doc Wt	285.00	0.00	
AVG	3	Educational Material Reuse	Com	CDs, magazines, puzzles	Oth Reus	SR	0.1	t	y	2,000.00	Doc Wt	0.12	0.12	
AVG	3	Educational Material Reuse	Res	CDs, magazines, puzzles	Oth Reus	SR	2.3	t	y	2,000.00	Doc Wt	2.28	2.28	
AVG	4	Educational Material Reuse	Com	Educational Materials	Oth Reus	SR	50.0	t	y	2,000.00	Doc Wt	50.00	50.00	
AVG	5	Tallow Recycling	Com	Tallow/Meat Scraps	Food	R	2,948.0	t	y	2,000.00	Doc Wt	2,948.00	2,948.00	
AVG	5	Tallow Recycling	Com	Restaurant Cooking Oil	Food	R	4,230.0	t	y	2,000.00	Doc Wt	4,230.00	4,230.00	
AVG	6	Carpet Recycler	Com	Carpet	Other	R	78,880.0	lb	y	1.00	Doc Wt	39.44	39.44	
AVG	7	Mixed Recycling Material Handler	Com	Commingled Office Paks	Hi Grd Ppr	R	157.4	t	y	2,000.00	Doc Wt	157.42	0.00	
AVG	7	Mixed Recycling Material Handler	Com	Cardboard	OCC	R	74.2	t	y	2,000.00	Doc Wt	74.16	0.00	
AVG	8	Mattress Reuse	Com	Mattress and Boxsprings	Other	SR	60,002.0	lb	y	1.00	Doc Wt	30.00	30.00	
AVG	9	Building Material Salvage	Com	Mixed loads	Other	SR	6.0	t	y	2,000.00	Doc Wt	6.00	6.00	
AVG	9	Building Material Salvage	Res	Mixed loads	Other	SR	114.0	t	y	2,000.00	Doc Wt	114.00	114.00	
AVG	10	Computer Recovery	Com	Corrugate Cardboard	OCC	R	32.5	t	y	2,000.00	Doc Wt	32.54	0.00	
AVG	10	Computer Recovery	Com	Mixed Paper	Mxd Ppr	R	1.0	t	y	2,000.00	Doc Wt	1.00	0.00	
AVG	10	Computer Recovery	Com	Wood Waste/Lumber	Yard	R	32.6	t	y	2,000.00	Doc Wt	32.56	0.00	
AVG	11	Instruction and Demolition Contra	Com	Concrete	Inert	R	8,100.0	t	y	2,000.00	Doc Wt	8,100.00	8,100.00	
AVG	11	Instruction and Demolition Contra	Res	Concrete	Inert	R	900.0	t	y	2,000.00	Doc Wt	900.00	900.00	
AVG	12	Landfill	Com	Yard and Tree Waste	Yard	SR	584.8	t	y	2,000.00	Doc Wt	0.00	0.00	
AVG	12	Landfill	Com	Dirt	Inert	SR	5,206.5	t	y	2,000.00	Doc Wt	5,206.46	5,206.46	
AVG	12	Landfill	Com	Concrete	Inert	SR	1,977.2	t	y	2,000.00	Doc Wt	1,977.24	1,977.24	
AVG	12	Landfill	Com	Asphalt	Inert	SR	12.2	t	y	2,000.00	Doc Wt	12.21	12.21	
AVG	12	Landfill	Com	Mixed Aggregates	Inert	SR	232.9	t	y	2,000.00	Doc Wt	232.87	232.87	
AVG	12	Landfill	Com	Contaminated Soil	Inert	SR	24,596.5	t	y	2,000.00	Doc Wt	24,596.48	24,596.48	
AVG	12	Landfill	Com	Auto Fluff	Other	SR	77.6	t	y	2,000.00	Doc Wt	77.64	77.64	
AVG	12	Landfill	Com	Tire without rim	Other	R	74.7	t	y	2,000.00	Doc Wt	74.65	74.65	
AVG	12	Landfill	Com	Tire with rim	Other	R	30.5	t	y	2,000.00	Doc Wt	30.53	30.53	
AVG	13	Art Supply Reuse	Com	Misc. Art Supplies	Oth Reus	SR	85.7	t	y	2,000.00	Doc Wt	85.67	85.67	
AVG	13	Art Supply Reuse	Res	Misc. Art Supplies	Oth Reus	SR	42.8	t	y	2,000.00	Doc Wt	42.83	42.83	
AVG	14.1	MRF	Com	Clean Fill	Inert	SR	9.8	t	y	2,000.00	Doc Wt	9.80	9.80	
AVG	14.1	MRF	Com	Debris Box	Inert	SR	266.0	t	y	2,000.00	Doc Wt	266.02	266.02	
AVG	14.1	MRF	Com	Mixed Debris	Inert	SR	1,342.4	t	y	2,000.00	Doc Wt	1,342.41	1,342.41	
AVG	14.1	MRF	Com	Wood Waste	Wood	SR	223.1	t	y	2,000.00	Doc Wt	223.10	223.10	
AVG	14.1	MRF	Com	Demolition	Inert	SR	2,164.3	t	y	2,000.00	Doc Wt	2,164.29	2,164.29	
AVG	14.1	MRF	Com	Composite Asphalt Roofing	Inert	SR	69.7	t	y	2,000.00	Doc Wt	69.66	69.66	
AVG	14.1	MRF	Com	Tires	Other	R	0.0	t	y	2,000.00	Doc Wt	0.02	0.02	
AVG	14.1	MRF	Com	Appliances	Fer	R	0.1	t	y	2,000.00	Doc Wt	0.13	0.13	
AVG	14.1	MRF	Com	Concrete	Inert	SR	23.0	t	y	2,000.00	Doc Wt	23.00	23.00	
AVG	14.2	Landfill	Com	Clean Fill	Inert	SR	3.9	t	y	2,000.00	Doc Wt	3.85	3.85	
AVG	14.2	Landfill	Com	Yard Waste	Yard	SR	0.2	t	y	2,000.00	Doc Wt	0.15	0.15	
AVG	14.2	Landfill	Com	Debris Box	Inert	SR	80.1	t	y	2,000.00	Doc Wt	80.14	80.14	
AVG	14.2	Landfill	Com	Mixed Debris	Inert	SR	22.4	t	y	2,000.00	Doc Wt	22.37	22.37	

AVG	14.2	Landfill	Com	Wood Waste	Wood	SR	183.3	t	y	2,000.00	Doc Wt	183.26	183.26	
AVG	14.2	Landfill	Com	Demolition	Inert	SR	157.6	t	y	2,000.00	Doc Wt	157.64	157.64	
AVG	14.2	Landfill	Com	Composite Asphalt Roofi	Inert	SR	12.6	t	y	2,000.00	Doc Wt	12.59	12.59	
AVG	14.2	Landfill	Com	Concrete	Inert	SR	37.2	t	y	2,000.00	Doc Wt	37.21	37.21	
AVG	15	Medical Reuse	Com	Mixed Medical Supplies	Oth Reus	SR	12.8	t	y	2,000.00	Doc Wt	12.80	12.80	
AVG	15	Medical Reuse	Res	Mixed Medical Supplies	Oth Reus	SR	3.2	t	y	2,000.00	Doc Wt	3.20	3.20	
AVG	15	Medical Reuse	Com	Large Hospital Equipment	Oth Reus	SR	19.2	t	y	2,000.00	Doc Wt	19.20	19.20	
AVG	15	Medical Reuse	Res	Large Hospital Equipment	Oth Reus	SR	4.8	t	y	2,000.00	Doc Wt	4.80	4.80	
AVG	16	Tallow Recycling	Com	Tallow/Meat Scraps	Food	R	181,000.0	lb	y	1.00	Doc Wt	90.50	90.50	
AVG	17	Plastic/Metal Recycler	Com	Corrugate Cardboard	OCC	R	540.0	t	y	2,000.00	Doc Wt	540.00	540.00	
AVG	17	Plastic/Metal Recycler	Res	Corrugate Cardboard	OCC	R	360.0	t	y	2,000.00	Doc Wt	360.00	360.00	
AVG	17	Plastic/Metal Recycler	Com	Mixed Paper	Mxd Ppr	R	60.0	t	y	2,000.00	Doc Wt	60.00	60.00	
AVG	17	Plastic/Metal Recycler	Res	Mixed Paper	Mxd Ppr	R	40.0	t	y	2,000.00	Doc Wt	40.00	40.00	
AVG	17	Plastic/Metal Recycler	Com	Office Paper	Hi Grd Ppr	R	24.0	t	y	2,000.00	Doc Wt	24.00	24.00	
AVG	17	Plastic/Metal Recycler	Res	Office Paper	Hi Grd Ppr	R	16.0	t	y	2,000.00	Doc Wt	16.00	16.00	
AVG	17	Plastic/Metal Recycler	Com	Commingled Glass	Oth Glass	R	1,440.0	t	y	2,000.00	Doc Wt	1,440.00	1,440.00	
AVG	17	Plastic/Metal Recycler	Res	Commingled Glass	Oth Glass	R	960.0	t	y	2,000.00	Doc Wt	960.00	960.00	
AVG	17	Plastic/Metal Recycler	Com	Non Ferrous Scrap Metal	Non-Fer	R	180.0	t	y	2,000.00	Doc Wt	180.00	180.00	
AVG	17	Plastic/Metal Recycler	Res	Non Ferrous Scrap Metal	Non-Fer	R	120.0	t	y	2,000.00	Doc Wt	120.00	120.00	
AVG	18	Plastic Recycler	Res	HDPE Containers	HDPE	R	50.0	t	y	2,000.00	Doc Wt	50.00	50.00	
AVG	18	Plastic Recycler	Com	HDPE Containers	HDPE	R	450.0	t	y	2,000.00	Doc Wt	450.00	450.00	
AVG	18	Plastic Recycler	Res	PET Containers	PET	R	52.0	t	y	2,000.00	Doc Wt	52.00	52.00	
AVG	18	Plastic Recycler	Com	PET Containers	PET	R	468.0	t	y	2,000.00	Doc Wt	468.00	468.00	
AVG	18	Plastic Recycler	Res	Plastics #3/#7	Oth Plas	R	10.0	t	y	2,000.00	Doc Wt	10.00	10.00	
AVG	18	Plastic Recycler	Com	Plastics #3/#7	Oth Plas	R	90.0	t	y	2,000.00	Doc Wt	90.00	90.00	
AVG	18	Plastic Recycler	Res	Other Plastics	Oth Plas	R	50.0	t	y	2,000.00	Doc Wt	50.00	50.00	
AVG	18	Plastic Recycler	Com	Other Plastics	Oth Plas	R	450.0	t	y	2,000.00	Doc Wt	450.00	450.00	
AVG	19	Inert Recycler	Com	Brick	Inert	R	5,340.0	t	y	2,000.00	Doc Wt	5,340.00	5,340.00	
AVG	19	Inert Recycler	Com	Concrete	Inert	R	112,140.0	t	y	2,000.00	Doc Wt	112,140.00	112,140.00	
AVG	19	Inert Recycler	Com	Asphalt	Inert	R	21,360.0	t	y	2,000.00	Doc Wt	21,360.00	21,360.00	
AVG	19	Inert Recycler	Com	Mixed C&D	Inert	R	128,160.0	t	y	2,000.00	Doc Wt	128,160.00	128,160.00	
AVG	20	Paper Recycler	Com	Mixed Paper	Mxd Ppr	R	305.0	t	y	2,000.00	Doc Wt	305.00	305.00	
AVG	21	Tallow Recycling	Com	Tallow/Meat Scraps	Food	R	338.0	t	y	2,000.00	Doc Wt	338.00	338.00	
AVG	22	Paper Shredre	Com	Mixed Paper	Mxd Ppr	R	5,480.4	t	y	2,000.00	Doc Wt	5,480.43	5,480.43	
AVG	23	Fiber Recycler	Com	Corrugate Cardboard	OCC	R	309.0	t	y	2,000.00	Doc Wt	309.00	309.00	
AVG	23	Fiber Recycler	Com	Mixed Paper	Mxd Ppr	R	890.0	t	y	2,000.00	Doc Wt	890.00	890.00	
AVG	24	Transfer Station	Com	Yard and Tree Waste	Yard	SR	27.3	t	y	2,000.00	Doc Wt	27.30	27.30	
AVG	25	Document Destruction	Com	Mixed Paper	Mxd Ppr	R	1,013.1	t	y	2,000.00	Doc Wt	1,013.08	0.00	
AVG	26	Document Destruction	Com	Mixed Paper	Mxd Ppr	R	260.0	t	y	2,000.00	Doc Wt	260.00	260.00	
AVG	27	Mixed Recycling Material Handler	Res	Old Corrugated Containe	OCC	R	4,711.0	t	y	2,000.00	Doc Wt	4,711.03	4,711.03	
AVG	27	Mixed Recycling Material Handler	Com	Old Corrugated Containe	OCC	R	10,992.4	t	y	2,000.00	Doc Wt	10,992.41	10,992.41	
AVG	27	Mixed Recycling Material Handler	Res	Newspaper	News	R	2,102.4	t	y	2,000.00	Doc Wt	2,102.37	2,102.37	
AVG	27	Mixed Recycling Material Handler	Com	Newspaper	News	R	4,905.5	t	y	2,000.00	Doc Wt	4,905.54	4,905.54	
AVG	27	Mixed Recycling Material Handler	Res	White Ledger	Hi Grd Ppr	R	1,158.5	t	y	2,000.00	Doc Wt	1,158.50	1,158.50	
AVG	27	Mixed Recycling Material Handler	Com	White Ledger	Hi Grd Ppr	R	2,703.2	t	y	2,000.00	Doc Wt	2,703.16	2,703.16	
AVG	27	Mixed Recycling Material Handler	Res	CPO Paper	Hi Grd Ppr	R	3.8	t	y	2,000.00	Doc Wt	3.80	3.80	
AVG	27	Mixed Recycling Material Handler	Com	CPO Paper	Hi Grd Ppr	R	8.9	t	y	2,000.00	Doc Wt	8.88	8.88	
AVG	27	Mixed Recycling Material Handler	Res	Mixed Paper	Mxd Ppr	R	602.7	t	y	2,000.00	Doc Wt	602.75	602.75	
AVG	27	Mixed Recycling Material Handler	Com	Mixed Paper	Mxd Ppr	R	1,406.4	t	y	2,000.00	Doc Wt	1,406.41	1,406.41	
AVG	27	Mixed Recycling Material Handler	Res	Colored Paper	Hi Grd Ppr	R	105.8	t	y	2,000.00	Doc Wt	105.82	105.82	
AVG	27	Mixed Recycling Material Handler	Com	Colored Paper	Hi Grd Ppr	R	246.9	t	y	2,000.00	Doc Wt	246.90	246.90	
AVG	27	Mixed Recycling Material Handler	Res	Coated Book Stock	Hi Grd Ppr	R	656.0	t	y	2,000.00	Doc Wt	656.05	656.05	
AVG	27	Mixed Recycling Material Handler	Com	Coated Book Stock	Hi Grd Ppr	R	1,530.8	t	y	2,000.00	Doc Wt	1,530.78	1,530.78	

AVG	<b>28</b>	Thrift	Com	Misc. Household Items	Oth Reus	SR	448.0	t	y	2,000.00	Doc Wt	448.00	448.00	
AVG	<b>29</b>	Non Profit Community Recycler	Res	Corrugate Cardboard	OCC	R	307.2	t	y	2,000.00	Doc Wt	307.20	0.00	
AVG	<b>29</b>	Non Profit Community Recycler	Com	Corrugate Cardboard	OCC	R	76.8	t	y	2,000.00	Doc Wt	76.80	0.00	
AVG	<b>29</b>	Non Profit Community Recycler	Res	Mixed Paper	Mxd Ppr	R	305.1	t	y	2,000.00	Doc Wt	305.06	305.06	
AVG	<b>29</b>	Non Profit Community Recycler	Com	Mixed Paper	Mxd Ppr	R	76.3	t	y	2,000.00	Doc Wt	76.26	76.26	
AVG	<b>29</b>	Non Profit Community Recycler	Res	Office Paper	Hi Grd Ppr	R	44.5	t	y	2,000.00	Doc Wt	44.49	44.49	
AVG	<b>29</b>	Non Profit Community Recycler	Com	Office Paper	Hi Grd Ppr	R	11.1	t	y	2,000.00	Doc Wt	11.12	11.12	
AVG	<b>29</b>	Non Profit Community Recycler	Res	Newspaper	News	R	183.6	t	y	2,000.00	Doc Wt	183.56	183.56	
AVG	<b>29</b>	Non Profit Community Recycler	Com	Newspaper	News	R	45.9	t	y	2,000.00	Doc Wt	45.89	45.89	
AVG	<b>29</b>	Non Profit Community Recycler	Res	Magazines	Oth Ppr	R	40.5	t	y	2,000.00	Doc Wt	40.48	40.48	
AVG	<b>29</b>	Non Profit Community Recycler	Com	Magazines	Oth Ppr	R	10.1	t	y	2,000.00	Doc Wt	10.12	10.12	
AVG	<b>29</b>	Non Profit Community Recycler	Res	HDPE Containers	HDPE	R	26.9	t	y	2,000.00	Doc Wt	26.87	26.87	
AVG	<b>29</b>	Non Profit Community Recycler	Com	HDPE Containers	HDPE	R	6.7	t	y	2,000.00	Doc Wt	6.72	6.72	
AVG	<b>29</b>	Non Profit Community Recycler	Res	PET Containers	PET	R	2.5	t	y	2,000.00	Doc Wt	2.54	2.54	
AVG	<b>29</b>	Non Profit Community Recycler	Com	PET Containers	PET	R	0.6	t	y	2,000.00	Doc Wt	0.64	0.64	
AVG	<b>29</b>	Non Profit Community Recycler	Res	Other Glass Containers	Oth Glass	R	311.8	t	y	2,000.00	Doc Wt	311.76	311.76	
AVG	<b>29</b>	Non Profit Community Recycler	Com	Other Glass Containers	Oth Glass	R	77.9	t	y	2,000.00	Doc Wt	77.94	77.94	
AVG	<b>29</b>	Non Profit Community Recycler	Res	Tin Cans/Steel Cans/Bim	Fer	R	10.4	t	y	2,000.00	Doc Wt	10.43	10.43	
AVG	<b>29</b>	Non Profit Community Recycler	Com	Tin Cans/Steel Cans/Bim	Fer	R	2.6	t	y	2,000.00	Doc Wt	2.61	2.61	
AVG	<b>30</b>	Textile Processor	Com	Textiles	Oth Recyc	R	3,120.0	t	y	2,000.00	Doc Wt	3,120.00	3,120.00	
AVG	<b>31</b>	Landfill	Com	Yard and Tree Waste	Yard	SR	18.0	t	y	2,000.00	Doc Wt	18.00	18.00	
AVG	<b>31</b>	Landfill	Com	Yard and Tree Waste	Yard	C	6.0	t	y	2,000.00	Doc Wt	6.00	6.00	
AVG	<b>32</b>	Thrift	Res	Animal Supplies	Oth Reus	SR	166.1	lb	y	1.00	Doc Wt	0.08	0.08	
AVG	<b>32</b>	Thrift	Com	Animal Supplies	Oth Reus	SR	449.0	lb	y	1.00	Doc Wt	0.22	0.22	
AVG	<b>32</b>	Thrift	Res	Appliances/Electronics	Oth Reus	SR	5,948.9	lb	y	1.00	Doc Wt	2.97	2.97	
AVG	<b>32</b>	Thrift	Com	Appliances/Electronics	Oth Reus	SR	16,084.1	lb	y	1.00	Doc Wt	8.04	8.04	
AVG	<b>32</b>	Thrift	Res	Bookcases/Credenzas	Oth Reus	SR	6,494.9	lb	y	1.00	Doc Wt	3.25	3.25	
AVG	<b>32</b>	Thrift	Com	Bookcases/Credenzas	Oth Reus	SR	17,560.2	lb	y	1.00	Doc Wt	8.78	8.78	
AVG	<b>32</b>	Thrift	Res	Building Materials	Oth Reus	SR	3,646.1	lb	y	1.00	Doc Wt	1.82	1.82	
AVG	<b>32</b>	Thrift	Com	Building Materials	Oth Reus	SR	9,857.9	lb	y	1.00	Doc Wt	4.93	4.93	
AVG	<b>32</b>	Thrift	Res	Chairs and Sofas	Oth Reus	SR	9,058.5	lb	y	1.00	Doc Wt	4.53	4.53	
AVG	<b>32</b>	Thrift	Com	Chairs and Sofas	Oth Reus	SR	24,491.5	lb	y	1.00	Doc Wt	12.25	12.25	
AVG	<b>32</b>	Thrift	Res	Children's Items	Oth Reus	SR	791.4	lb	y	1.00	Doc Wt	0.40	0.40	
AVG	<b>32</b>	Thrift	Com	Children's Items	Oth Reus	SR	2,139.6	lb	y	1.00	Doc Wt	1.07	1.07	
AVG	<b>32</b>	Thrift	Res	Clothing	Oth Reus	SR	5,064.9	lb	y	1.00	Doc Wt	2.53	2.53	
AVG	<b>32</b>	Thrift	Com	Clothing	Oth Reus	SR	13,694.1	lb	y	1.00	Doc Wt	6.85	6.85	
AVG	<b>32</b>	Thrift	Res	Computers/Peripherals	Oth Reus	SR	9,859.9	lb	y	1.00	Doc Wt	4.93	4.93	
AVG	<b>32</b>	Thrift	Com	Computers/Peripherals	Oth Reus	SR	26,658.1	lb	y	1.00	Doc Wt	13.33	13.33	
AVG	<b>32</b>	Thrift	Res	Décor/Floors/Walls	Oth Reus	SR	1,938.1	lb	y	1.00	Doc Wt	0.97	0.97	
AVG	<b>32</b>	Thrift	Com	Décor/Floors/Walls	Oth Reus	SR	5,239.9	lb	y	1.00	Doc Wt	2.62	2.62	
AVG	<b>32</b>	Thrift	Res	Desks	Oth Reus	SR	16,391.7	lb	y	1.00	Doc Wt	8.20	8.20	
AVG	<b>32</b>	Thrift	Com	Desks	Oth Reus	SR	44,318.3	lb	y	1.00	Doc Wt	22.16	22.16	
AVG	<b>32</b>	Thrift	Res	Filing Cabinets	Oth Reus	SR	7,429.1	lb	y	1.00	Doc Wt	3.71	3.71	
AVG	<b>32</b>	Thrift	Com	Filing Cabinets	Oth Reus	SR	20,086.0	lb	y	1.00	Doc Wt	10.04	10.04	
AVG	<b>32</b>	Thrift	Res	Food and Perishables	Oth Reus	SR	1,661.3	lb	y	1.00	Doc Wt	0.83	0.83	
AVG	<b>32</b>	Thrift	Com	Food and Perishables	Oth Reus	SR	4,491.7	lb	y	1.00	Doc Wt	2.25	2.25	
AVG	<b>32</b>	Thrift	Res	Garden and Outdoor	Oth Reus	SR	1,353.8	lb	y	1.00	Doc Wt	0.68	0.68	
AVG	<b>32</b>	Thrift	Com	Garden and Outdoor	Oth Reus	SR	3,660.2	lb	y	1.00	Doc Wt	1.83	1.83	
AVG	<b>32</b>	Thrift	Res	Household Goods	Oth Reus	SR	1,961.0	lb	y	1.00	Doc Wt	0.98	0.98	
AVG	<b>32</b>	Thrift	Com	Household Goods	Oth Reus	SR	5,302.0	lb	y	1.00	Doc Wt	2.65	2.65	
AVG	<b>32</b>	Thrift	Res	Medical	Oth Reus	SR	1,691.6	lb	y	1.00	Doc Wt	0.85	0.85	
AVG	<b>32</b>	Thrift	Com	Medical	Oth Reus	SR	4,573.5	lb	y	1.00	Doc Wt	2.29	2.29	
AVG	<b>32</b>	Thrift	Res	Music and Books (Instru	Oth Reus	SR	9,663.3	lb	y	1.00	Doc Wt	4.83	4.83	

AVG	<b>32</b>	Thrift	Com	Music and Books (Instru	Oth Reus	SR	26,126.7	lb	y	1.00	Doc Wt	13.06	13.06	
AVG	<b>32</b>	Thrift	Res	Office Equipment	Oth Reus	SR	14,656.7	lb	y	1.00	Doc Wt	7.33	7.33	
AVG	<b>32</b>	Thrift	Com	Office Equipment	Oth Reus	SR	39,627.3	lb	y	1.00	Doc Wt	19.81	19.81	
AVG	<b>32</b>	Thrift	Res	Other Home Furniture	Oth Reus	SR	13,878.0	lb	y	1.00	Doc Wt	6.94	6.94	
AVG	<b>32</b>	Thrift	Com	Other Home Furniture	Oth Reus	SR	37,522.0	lb	y	1.00	Doc Wt	18.76	18.76	
AVG	<b>32</b>	Thrift	Res	Other Office Furniture	Oth Reus	SR	14,840.6	lb	y	1.00	Doc Wt	7.42	7.42	
AVG	<b>32</b>	Thrift	Com	Other Office Furniture	Oth Reus	SR	40,124.5	lb	y	1.00	Doc Wt	20.06	20.06	
AVG	<b>32</b>	Thrift	Res	Sports Equipment	Oth Reus	SR	7,035.4	lb	y	1.00	Doc Wt	3.52	3.52	
AVG	<b>32</b>	Thrift	Com	Sports Equipment	Oth Reus	SR	19,021.6	lb	y	1.00	Doc Wt	9.51	9.51	
AVG	<b>32</b>	Thrift	Res	Supplies	Oth Reus	SR	7,995.6	lb	y	1.00	Doc Wt	4.00	4.00	
AVG	<b>32</b>	Thrift	Com	Supplies	Oth Reus	SR	21,617.7	lb	y	1.00	Doc Wt	10.81	10.81	
AVG	<b>32</b>	Thrift	Res	Tables	Oth Reus	SR	10,953.9	lb	y	1.00	Doc Wt	5.48	5.48	
AVG	<b>32</b>	Thrift	Com	Tables	Oth Reus	SR	29,616.1	lb	y	1.00	Doc Wt	14.81	14.81	
AVG	<b>33</b>	Tallow Recycling	Com	Fat and Bone Spoils	Food	R	123.5	t	y	2,000.00	Doc Wt	123.50	123.50	
AVG	<b>33</b>	Tallow Recycling	Com	Used Cooking Oil	Food	R	20.5	t	y	2,000.00	Doc Wt	20.50	20.50	
AVG	<b>34</b>	Thrift	Res	Books	Oth Reus	SR	416.0	t	y	2,000.00	Doc Wt	416.00	416.00	
AVG	<b>34</b>	Thrift	Res	Books	Oth Reus	SR	120.0	t	y	2,000.00	Doc Wt	120.00	120.00	
AVG	<b>34</b>	Thrift	Res	Misc. Items	Oth Reus	SR	156.0	t	y	2,000.00	Doc Wt	156.00	156.00	
AVG	<b>34</b>	Thrift	Res	Shoes/Purses	Oth Reus	SR	2,912.0	t	y	2,000.00	Doc Wt	2,912.00	2,912.00	
AVG	<b>34</b>	Thrift	Res	Textiles/Leather	Oth Reus	SR	3,120.0	t	y	2,000.00	Doc Wt	3,120.00	0.00	
AVG	<b>34</b>	Thrift	Res	Ewaste	Other	SR	36.0	t	y	2,000.00	Doc Wt	36.00	0.00	
AVG	<b>34</b>	Thrift	Res	Miscellaneous Items	Oth Reus	SR	9,088.0	t	y	2,000.00	Doc Wt	9,088.00	9,088.00	
AVG	<b>35</b>	Toner Recycling	Com	Toner Cartridges	Oth Plas	SR	125.0	t	y	2,000.00	Doc Wt	125.00	125.00	
AVG	<b>37</b>	Charitable Organization	Res	Clothing	Oth Reus	SR	265.0	t	y	2,000.00	Doc Wt	265.00	265.00	
AVG	<b>37</b>	Charitable Organization	Res	Clothing	Other	R	265.0	t	y	2,000.00	Doc Wt	265.00	265.00	
AVG	<b>37</b>	Charitable Organization	Res	Furniture	Oth Reus	SR	2,880.0	t	y	2,000.00	Doc Wt	2,880.00	2,880.00	
AVG	<b>38</b>	Mixed Recycling Material Processor	Com	Mixed Paper	Mxd Ppr	R	200.0	t	y	2,000.00	Doc Wt	0.00	0.00	
AVG	<b>39</b>	Mixed Recycling Material Handler	Com	Corrugate Cardboard	OCC	R	203.0	t	y	2,000.00	Doc Wt	203.00	203.00	
AVG	<b>39</b>	Mixed Recycling Material Handler	Com	Mixed Paper	Mxd Ppr	R	1,701.0	t	y	2,000.00	Doc Wt	1,701.00	1,701.00	
AVG	<b>39</b>	Mixed Recycling Material Handler	Com	Office Paper	Hi Grd Ppr	R	292.0	t	y	2,000.00	Doc Wt	292.00	292.00	
AVG	<b>39</b>	Mixed Recycling Material Handler	Com	Newspaper	News	R	166.0	t	y	2,000.00	Doc Wt	166.00	166.00	
AVG	<b>39</b>	Mixed Recycling Material Handler	Com	Coated Book Stock	Oth Ppr	R	961.0	t	y	2,000.00	Doc Wt	961.00	961.00	
AVG	<b>39</b>	Mixed Recycling Material Handler	Com	Other Plastics	Oth Plas	R	14.0	t	y	2,000.00	Doc Wt	14.00	14.00	
AVG	<b>39</b>	Mixed Recycling Material Handler	Com	Other Glass Containers	Oth Glass	R	7.0	t	y	2,000.00	Doc Wt	7.00	7.00	
AVG	<b>40</b>	Building Material Salvage	Res	Corrugate Cardboard	OCC	R	4.8	t	y	2,000.00	Doc Wt	4.80	0.00	
AVG	<b>40</b>	Building Material Salvage	Com	Corrugate Cardboard	OCC	R	3.2	t	y	2,000.00	Doc Wt	3.20	0.00	
AVG	<b>40</b>	Building Material Salvage	Res	Mixed Paper	Mxd Ppr	R	3.0	t	y	2,000.00	Doc Wt	3.00	0.00	
AVG	<b>40</b>	Building Material Salvage	Com	Mixed Paper	Mxd Ppr	R	2.0	t	y	2,000.00	Doc Wt	2.00	0.00	
AVG	<b>40</b>	Building Material Salvage	Res	Other Plastics	Oth Plas	SR	23.3	t	y	2,000.00	Doc Wt	23.32	23.32	
AVG	<b>40</b>	Building Material Salvage	Com	Other Plastics	Oth Plas	SR	15.5	t	y	2,000.00	Doc Wt	15.54	15.54	
AVG	<b>40</b>	Building Material Salvage	Res	Ferrous Scrap Metal	Fer	R	95.0	t	y	2,000.00	Doc Wt	95.04	95.04	
AVG	<b>40</b>	Building Material Salvage	Com	Ferrous Scrap Metal	Fer	R	63.4	t	y	2,000.00	Doc Wt	63.36	63.36	
AVG	<b>40</b>	Building Material Salvage	Res	Non Ferrous Scrap Metal	Non-Fer	SR	6.0	t	y	2,000.00	Doc Wt	6.00	6.00	
AVG	<b>40</b>	Building Material Salvage	Com	Non Ferrous Scrap Metal	Non-Fer	SR	4.0	t	y	2,000.00	Doc Wt	4.00	4.00	
AVG	<b>40</b>	Building Material Salvage	Res	White Goods/Appliances	Fer	SR	8.6	t	y	2,000.00	Doc Wt	8.59	8.59	
AVG	<b>40</b>	Building Material Salvage	Com	White Goods/Appliances	Fer	SR	5.7	t	y	2,000.00	Doc Wt	5.73	5.73	
AVG	<b>40</b>	Building Material Salvage	Res	Concrete, Brick, Tile, Sto	Inert	SR	36.4	t	y	2,000.00	Doc Wt	36.37	36.37	
AVG	<b>40</b>	Building Material Salvage	Com	Concrete, Brick, Tile, Sto	Inert	SR	24.2	t	y	2,000.00	Doc Wt	24.24	24.24	
AVG	<b>40</b>	Building Material Salvage	Res	Wood Waste/Lumber	Wood	SR	172.2	t	y	2,000.00	Doc Wt	172.22	172.22	
AVG	<b>40</b>	Building Material Salvage	Res	Wood Waste/Lumber	Wood	R	19.1	t	y	2,000.00	Doc Wt	19.14	19.14	
AVG	<b>40</b>	Building Material Salvage	Com	Wood Waste/Lumber	Wood	SR	114.8	t	y	2,000.00	Doc Wt	114.81	114.81	
AVG	<b>40</b>	Building Material Salvage	Res	Wood Waste/Lumber	Wood	R	12.8	t	y	2,000.00	Doc Wt	12.76	12.76	
AVG	<b>40</b>	Building Material Salvage	Res	Textiles/Leather	Oth Reus	SR	1.8	t	y	2,000.00	Doc Wt	1.80	1.80	

AVG	<b>40</b>	Building Material Salvage	Com	Textiles/Leather	Oth Reus	SR	1.2	t	y	2,000.00	Doc Wt	1.20	1.20	
AVG	<b>40</b>	Building Material Salvage	Res	Building Materials	Oth Reus	SR	117.3	t	y	2,000.00	Doc Wt	117.35	117.35	
AVG	<b>40</b>	Building Material Salvage	Com	Building Materials	Oth Reus	SR	78.2	t	y	2,000.00	Doc Wt	78.23	78.23	
AVG	<b>40</b>	Building Material Salvage	Res	Elec, Plumbing	Oth Reus	SR	149.0	t	y	2,000.00	Doc Wt	149.03	149.03	
AVG	<b>40</b>	Building Material Salvage	Com	Elec, Plumbing	Oth Reus	SR	99.4	t	y	2,000.00	Doc Wt	99.35	99.35	
AVG	<b>41</b>	Supermarket Backhaul	Com	Corrugate Cardboard	OCC	R	5,646.5	t	y	2,000.00	Doc Wt	5,646.50	5,646.50	
AVG	<b>41</b>	Supermarket Backhaul	Com	Other Plastics	Oth Plas	R	173.6	t	y	2,000.00	Doc Wt	173.55	173.55	
AVG	<b>41</b>	Supermarket Backhaul	Com	Bone and Fat	Food	R	691.4	t	y	2,000.00	Doc Wt	691.40	691.40	
AVG	<b>41</b>	Supermarket Backhaul	Com	Produce	Food	C	3,297.2	t	y	2,000.00	Doc Wt	3,297.23	3,297.23	
AVG	<b>42</b>	Landfill	Res	Corrugate Cardboard	OCC	R	2.0	t	y	2,000.00	Doc Wt	1.98	1.98	
AVG	<b>42</b>	Landfill	Com	Corrugate Cardboard	OCC	R	17.8	t	y	2,000.00	Doc Wt	17.84	17.84	
AVG	<b>42</b>	Landfill	Res	Mixed Paper	Mxd Ppr	R	1.6	t	y	2,000.00	Doc Wt	1.57	1.57	
AVG	<b>42</b>	Landfill	Com	Mixed Paper	Mxd Ppr	R	14.1	t	y	2,000.00	Doc Wt	14.13	14.13	
AVG	<b>42</b>	Landfill	Res	Beverage Containers	Bot & Jar	R	0.2	t	y	2,000.00	Doc Wt	0.15	0.15	
AVG	<b>42</b>	Landfill	Com	Beverage Containers	Bot & Jar	R	1.4	t	y	2,000.00	Doc Wt	1.35	1.35	
AVG	<b>42</b>	Landfill	Res	Aluminum Cans	Alum Cans	R	0.0	t	y	2,000.00	Doc Wt	0.04	0.04	
AVG	<b>42</b>	Landfill	Com	Aluminum Cans	Alum Cans	R	0.3	t	y	2,000.00	Doc Wt	0.33	0.33	
AVG	<b>42</b>	Landfill	Res	Tin Cans/Steel Cans/Bim	Fer	R	21.5	t	y	2,000.00	Doc Wt	21.54	21.54	
AVG	<b>42</b>	Landfill	Com	Tin Cans/Steel Cans/Bim	Fer	R	193.8	t	y	2,000.00	Doc Wt	193.84	193.84	
AVG	<b>42</b>	Landfill	Res	Yard and Tree Waste	Yard	R	325.1	t	y	2,000.00	Doc Wt	325.14	325.14	
AVG	<b>42</b>	Landfill	Com	Yard and Tree Waste	Yard	R	2,926.3	t	y	2,000.00	Doc Wt	2,926.30	2,926.30	-2,703.44
AVG	<b>43</b>	Building Material Salvage	Res	brick	Inert	SR	1.0	t	y	2,000.00	Doc Wt	1.00	1.00	
AVG	<b>43</b>	Building Material Salvage	Res	Wood Waste/Lumber	Wood	SR	2.0	t	y	2,000.00	Doc Wt	2.00	2.00	
AVG	<b>43</b>	Building Material Salvage	Res	Household Goods	Oth Reus	SR	1.0	t	y	2,000.00	Doc Wt	1.00	1.00	
HM	<b>44</b>	Feed manufacturer	Com	Bread Dough	Food	R	4,700.0	t	y	2,000.00	Doc Wt	4,700.00	4,700.00	
AVG	<b>45</b>	Lumber Milling	Com	Lumber/Wood	Wood	SR	28.6	t	y	2,000.00	Doc Wt	28.60	28.60	
HM	<b>46</b>	Food Salvage	Com	prepared food	Food	SR	20,000.0	lb	1/w	1.00	Doc Wt	520.00	520.00	
HM	<b>47</b>	Tree/Log Salvage	Com	trees	Yard	R	1,500.0	t	y	2,000.00	Doc Wt	1,500.00	1,500.00	
HM	<b>48</b>	pallet handler	Com	pallets	Wood	SR	450.0	Pallet	5/w	40.00	U.S. EPA	2,340.00	2,340.00	
HM	<b>49</b>	dairy farmer	Com	soy	Food	R	2,253.9	t	y	2,000.00	Doc Wt	2,253.90	2,253.90	
HM	<b>49</b>	dairy farmer	Com	Produce	Food	R	469.3	t	y	2,000.00	Doc Wt	469.25	469.25	
AVG	<b>50</b>	Grocery	Com	Bread	Food	SR	200.0	t	y	2,000.00	Doc Wt	200.00	200.00	
AVG	<b>51</b>	Excavation Demolition	Com	Soil	Inert	R	61,090.9	cubic yard	y	2,391.96	Tellus	73,063.49	73,063.49	
AVG	<b>51</b>	Excavation Demolition	Com	Soil	Inert	SR	84,363.6	cubic yard	y	2,391.96	Tellus	100,897.23	100,897.23	
HM	<b>52</b>	Green waste	Com	Green waste	Yard	R	5,416.7	t	y	2,000.00	Doc Wt	5,416.67	5,416.67	
										<b>0.00</b>	Check Units		<b>0.00</b>	
													<b>Total change</b>	<b>-2,703.44</b>

**City and County of San Francisco: CY 2002 Waste Generation Study**  
Department of Conservation Data Input

Auditor	Ref. No.	Business Name	CERT_ID	No. Employ	Sector (Res/Com/Gov)	Material Description	Material Code	Qty.	Conversion Unit Code	Freq. Code	Conversion Factor (lbs / unit)	Conversion Source Code
AVG	1	DOC			DOC	Glass	Bot & Jar	4,651,325.3	lb	y	1.00	DOC
AVG	2	DOC			DOC	Glass	Bot & Jar	1,037,407.0	lb	y	1.00	DOC
AVG	3	DOC			DOC	Glass	Bot & Jar	1,196,468.3	lb	y	1.00	DOC
AVG	4	DOC			DOC	Aluminum	Alum Can	73,560.4	lb	y	1.00	DOC
AVG	4	DOC			DOC	Glass	Bot & Jar	798,495.8	lb	y	1.00	DOC
AVG	4	DOC			DOC	PETE	PET	99,887.5	lb	y	1.00	DOC
AVG	4	DOC			DOC	HDPE	HDPE	8,332.5	lb	y	1.00	DOC
AVG	5	DOC			DOC	Aluminum	Alum Can	378,357.0	lb	y	1.00	DOC
AVG	5	DOC			DOC	Glass	Bot & Jar	1,228,760.0	lb	y	1.00	DOC
AVG	5	DOC			DOC	PETE	PET	196,302.0	lb	y	1.00	DOC
AVG	5	DOC			DOC	HDPE	HDPE	41,115.0	lb	y	1.00	DOC
AVG	5	DOC			DOC	Bimetal	Fer	1,388.0	lb	y	1.00	DOC
AVG	6	DOC			DOC	Aluminum	Alum Can	161,709.6	lb	y	1.00	DOC
AVG	6	DOC			DOC	Glass	Bot & Jar	1,432,621.4	lb	y	1.00	DOC
AVG	6	DOC			DOC	PETE	PET	196,163.5	lb	y	1.00	DOC
AVG	6	DOC			DOC	HDPE	HDPE	31,077.8	lb	y	1.00	DOC
AVG	7	DOC			DOC	Aluminum	Alum Can	167,525.2	lb	y	1.00	DOC
AVG	7	DOC			DOC	Glass	Bot & Jar	1,248,389.6	lb	y	1.00	DOC
AVG	7	DOC			DOC	PETE	PET	165,431.6	lb	y	1.00	DOC
AVG	7	DOC			DOC	HDPE	HDPE	26,734.8	lb	y	1.00	DOC
AVG	8	DOC			DOC	Aluminum	Alum Can	44,926.0	lb	y	1.00	DOC
AVG	8	DOC			DOC	Glass	Bot & Jar	83,572.0	lb	y	1.00	DOC
AVG	8	DOC			DOC	PETE	PET	33,495.0	lb	y	1.00	DOC
AVG	8	DOC			DOC	HDPE	HDPE	3,931.0	lb	y	1.00	DOC
AVG	9	DOC			DOC	Aluminum	Alum Can	36,520.0	lb	y	1.00	DOC
AVG	9	DOC			DOC	Glass	Bot & Jar	51,012.0	lb	y	1.00	DOC
AVG	9	DOC			DOC	PETE	PET	20,667.0	lb	y	1.00	DOC
AVG	9	DOC			DOC	HDPE	HDPE	1,993.0	lb	y	1.00	DOC
AVG	10	DOC			DOC	Aluminum	Alum Can	23,253.0	lb	y	1.00	DOC
AVG	10	DOC			DOC	Glass	Bot & Jar	38,171.0	lb	y	1.00	DOC
AVG	10	DOC			DOC	PETE	PET	15,845.0	lb	y	1.00	DOC
AVG	10	DOC			DOC	HDPE	HDPE	1,178.0	lb	y	1.00	DOC
AVG	11	DOC			DOC	Aluminum	Alum Can	32,873.0	lb	y	1.00	DOC
AVG	11	DOC			DOC	Glass	Bot & Jar	57,116.0	lb	y	1.00	DOC
AVG	11	DOC			DOC	PETE	PET	21,104.0	lb	y	1.00	DOC
AVG	11	DOC			DOC	HDPE	HDPE	1,311.0	lb	y	1.00	DOC
AVG	12	DOC			DOC	Aluminum	Alum Can	6,980.0	lb	y	1.00	DOC
AVG	12	DOC			DOC	Glass	Bot & Jar	13,126.0	lb	y	1.00	DOC
AVG	12	DOC			DOC	PETE	PET	3,780.0	lb	y	1.00	DOC
AVG	12	DOC			DOC	HDPE	HDPE	190.0	lb	y	1.00	DOC
AVG	13	DOC			DOC	Aluminum	Alum Can	1,824.0	lb	y	1.00	DOC
AVG	13	DOC			DOC	Glass	Bot & Jar	4,500.0	lb	y	1.00	DOC

AVG	13	DOC		DOC	PETE	PET	1,573.0	lb	y	1.00	DOC
AVG	13	DOC		DOC	HDPE	HDPE	195.0	lb	y	1.00	DOC
AVG	14	DOC		DOC	Aluminum	Alum Can	335,030.1	lb	y	1.00	DOC
AVG	14	DOC		DOC	Glass	Bot & Jar	1,535,151.0	lb	y	1.00	DOC
AVG	14	DOC		DOC	PETE	PET	180,980.1	lb	y	1.00	DOC
AVG	14	DOC		DOC	HDPE	HDPE	20,435.3	lb	y	1.00	DOC
AVG	15	DOC		DOC	Aluminum	Alum Can	56,521.0	lb	y	1.00	DOC
AVG	15	DOC		DOC	PETE	PET	7,702.0	lb	y	1.00	DOC
AVG	16	DOC		DOC	Aluminum	Alum Can	383,413.0	lb	y	1.00	DOC
AVG	16	DOC		DOC	Glass	Bot & Jar	9,047,288.8	lb	y	1.00	DOC
AVG	16	DOC		DOC	PETE	PET	360,680.0	lb	y	1.00	DOC
AVG	16	DOC		DOC	HDPE	HDPE	84,849.0	lb	y	1.00	DOC
AVG	17	DOC		DOC	Aluminum	Alum Can	37,598.9	lb	y	1.00	DOC
AVG	17	DOC		DOC	Glass	Bot & Jar	110,019.6	lb	y	1.00	DOC
AVG	17	DOC		DOC	PETE	PET	45,486.2	lb	y	1.00	DOC
AVG	17	DOC		DOC	HDPE	HDPE	2,834.7	lb	y	1.00	DOC
AVG	18	DOC		DOC	Aluminum	Alum Can	104,551.0	lb	y	1.00	DOC
AVG	18	DOC		DOC	Glass	Bot & Jar	584,220.4	lb	y	1.00	DOC
AVG	18	DOC		DOC	PETE	PET	130,600.0	lb	y	1.00	DOC
AVG	18	DOC		DOC	HDPE	HDPE	8,012.0	lb	y	1.00	DOC
AVG	18	DOC		DOC	Bimetal	Fer	866.0	lb	y	1.00	DOC
AVG	19	DOC		DOC	Aluminum	Alum Can	64,811.0	lb	y	1.00	DOC
AVG	19	DOC		DOC	Glass	Bot & Jar	71,277.0	lb	y	1.00	DOC
AVG	19	DOC		DOC	PETE	PET	27,070.0	lb	y	1.00	DOC
AVG	19	DOC		DOC	HDPE	HDPE	222.0	lb	y	1.00	DOC
AVG	20	DOC		DOC	Aluminum	Alum Can	78,310.0	lb	y	1.00	DOC
AVG	20	DOC		DOC	Glass	Bot & Jar	157,466.0	lb	y	1.00	DOC
AVG	20	DOC		DOC	PETE	PET	50,185.0	lb	y	1.00	DOC
AVG	20	DOC		DOC	HDPE	HDPE	3,151.0	lb	y	1.00	DOC
AVG	20	DOC		DOC	Bimetal	Fer	170.0	lb	y	1.00	DOC
AVG	21	DOC		DOC	Aluminum	Alum Can	14,495.2	lb	y	1.00	DOC
AVG	21	DOC		DOC	Glass	Bot & Jar	176,510.0	lb	y	1.00	DOC
AVG	21	DOC		DOC	PETE	PET	16,467.0	lb	y	1.00	DOC
AVG	21	DOC		DOC	HDPE	HDPE	199.0	lb	y	1.00	DOC
AVG	21	DOC		DOC	Bimetal	Fer	56.0	lb	y	1.00	DOC
AVG	22	DOC		DOC	Aluminum	Alum Can	40,771.0	lb	y	1.00	DOC
AVG	22	DOC		DOC	Glass	Bot & Jar	88,970.0	lb	y	1.00	DOC
AVG	22	DOC		DOC	PETE	PET	32,970.0	lb	y	1.00	DOC
AVG	22	DOC		DOC	HDPE	HDPE	1,392.0	lb	y	1.00	DOC
AVG	23	DOC		DOC	Aluminum	Alum Can	30,020.0	lb	y	1.00	DOC
AVG	23	DOC		DOC	Glass	Bot & Jar	372,249.0	lb	y	1.00	DOC
AVG	23	DOC		DOC	PETE	PET	27,900.0	lb	y	1.00	DOC
AVG	24	DOC		DOC	Aluminum	Alum Can	94,764.3	lb	y	1.00	DOC
AVG	24	DOC		DOC	Glass	Bot & Jar	827,882.9	lb	y	1.00	DOC
AVG	24	DOC		DOC	PETE	PET	77,892.9	lb	y	1.00	DOC
AVG	24	DOC		DOC	HDPE	HDPE	374.7	lb	y	1.00	DOC
AVG	25	DOC		DOC	Aluminum	Alum Can	2,580.0	lb	y	1.00	DOC
AVG	25	DOC		DOC	PETE	PET	6,726.0	lb	y	1.00	DOC



Annual Diversion (Tons / Yr)
2,325.66
518.70
598.23
36.78
399.25
49.94
4.17
189.18
614.38
98.15
20.56
0.69
80.85
716.31
98.08
15.54
83.76
624.19
82.72
13.37
22.46
41.79
16.75
1.97
18.26
25.51
10.33
1.00
11.63
19.09
7.92
0.59
16.44
28.56
10.55
0.66
3.49
6.56
1.89
0.10
0.91
2.25

0.79
0.10
167.52
767.58
90.49
10.22
28.26
3.85
191.71
4,523.64
180.34
42.42
18.80
55.01
22.74
1.42
52.28
292.11
65.30
4.01
0.43
32.41
35.64
13.54
0.11
39.16
78.73
25.09
1.58
0.09
7.25
88.26
8.23
0.10
0.03
20.39
44.49
16.49
0.70
15.01
186.12
13.95
47.38
413.94
38.95
0.19
1.29
3.36

0.51
1.37
394.58
7.34
4.19
19.72
0.17
41.59
0.81
<b>Check Freq</b>

**City and County of San Francisco: CY 2002 Waste Generation Study**  
Construction and Demolition Generator Waste Prevention Data Input

**City and County of San Francisco: CY 2002 Waste Generation Study**  
Alternative Daily Cover and Biosolids Data Input

Auditor	Ref. No.	Business Name	Business Type	Sector (Res/Com/G ov)	Waste Stream	Material Code	Divers ion Metho d	Qty.	Con versi on Unit Cod e	Freq. Code	Conversion Factor (lbs / unit)	Conversion Source Code	Annual
													Diversion (Tons / Yr)
AVG	1	Redwood Sanitary Landfill	Landfill	LF	Green Mater	Yard		29.0	t	y	2,000.00	Doc Wt	29.00
AVG	1	Redwood Sanitary Landfill	Landfill	LF	Sludge	Sludge		188.0	t	y	2,000.00	Doc Wt	188.00
AVG	1	Redwood Sanitary Landfill	Landfill	LF	Green Mater	Yard		55.0	t	y	2,000.00	Doc Wt	55.00
AVG	1	Redwood Sanitary Landfill	Landfill	LF	Sludge	Sludge		2,783.0	t	y	2,000.00	Doc Wt	2,783.00
AVG	1	Redwood Sanitary Landfill	Landfill	LF	Green Mater	Yard		27.0	t	y	2,000.00	Doc Wt	27.00
AVG	1	Redwood Sanitary Landfill	Landfill	LF	Sludge	Sludge		5,660.0	t	y	2,000.00	Doc Wt	5,660.00
AVG	1	Redwood Sanitary Landfill	Landfill	LF	Green Mater	Yard		40.0	t	y	2,000.00	Doc Wt	40.00
AVG	1	Redwood Sanitary Landfill	Landfill	LF	Sludge	Sludge		991.0	t	y	2,000.00	Doc Wt	991.00
AVG	2	Forward, Inc (San Joaquin)	Landfill	LF	Green Mater	Yard		11.0	t	y	2,000.00	Doc Wt	11.00
AVG	3	Ox Mountain Sanitary Landfill (San Mateo)	Landfill	LF	Green Mater	Yard		81.0	t	y	2,000.00	Doc Wt	81.00
AVG	3	Ox Mountain Sanitary Landfill (San Mateo)	Landfill	LF	C&D	Inert		806.0	t	y	2,000.00	Doc Wt	806.00
AVG	3	Ox Mountain Sanitary Landfill (San Mateo)	Landfill	LF	Green Mater	Yard		152.0	t	y	2,000.00	Doc Wt	152.00
AVG	3	Ox Mountain Sanitary Landfill (San Mateo)	Landfill	LF	C&D	Inert		561.0	t	y	2,000.00	Doc Wt	561.00
AVG	3	Ox Mountain Sanitary Landfill (San Mateo)	Landfill	LF	Green Mater	Yard		206.0	t	y	2,000.00	Doc Wt	206.00
AVG	3	Ox Mountain Sanitary Landfill (San Mateo)	Landfill	LF	Green Mater	Yard		159.0	t	y	2,000.00	Doc Wt	159.00
AVG	4	Newby Island Sanitary Landfill (Santa Clara)	Landfill	LF	C&D	Inert		103.0	t	y	2,000.00	Doc Wt	103.00
AVG	4	Newby Island Sanitary Landfill (Santa Clara)	Landfill	LF	C&D	Inert		34.0	t	y	2,000.00	Doc Wt	34.00
AVG	4	Newby Island Sanitary Landfill (Santa Clara)	Landfill	LF	C&D	Inert		51.0	t	y	2,000.00	Doc Wt	51.00
AVG	4	Newby Island Sanitary Landfill (Santa Clara)	Landfill	LF	C&D	Inert		9.0	t	y	2,000.00	Doc Wt	9.00
AVG	5	Guadalupe Sanitary Landfill (Santa Clara)	Landfill	LF	C&D	Inert		1.0	t	y	2,000.00	Doc Wt	1.00
AVG	6	Altamont Landfill (Resource Recovery)	Landfill	LF	Mixed	Inert		25.0	t	y	2,000.00	Doc Wt	25.00
AVG	7	West Contra Costa Landfill	Landfill	LF	Sludge	Sludge		56.0	t	y	2,000.00	Doc Wt	56.00
AVG	8	Pacheco Pass Sanitary Landfill	Landfill	LF	Compost	Yard		41.0	t	y	2,000.00	Doc Wt	41.00
AVG	9	Hay Road	Landfill	PUC	Biosolids	Sludge	SR	44,962.8	t	y	2,000.00	Doc Wt	44,962.81
AVG	10	Synagro	Landfill	PUC	Biosolids	Sludge	SR	32,197.7	t	y	2,000.00	Doc Wt	32,197.72
AVG	11	Redwood Sanitary Landfill	Landfill	PUC	Biosolids	Sludge	SR	9,779.2	t	y	2,000.00	Doc Wt	0.00
AVG	12	B-J DropBox Sanitary	Landfill	LF	Green Mater	Yard		7,442.0	t	y	2,000.00	N/A	0.00
AVG	13	Potrero Hills	Landfill	LF	C&D	Inert		3,760.0	t	y	2,000.00	N/A	3,760.00
											0.00	Check Units	

**Table 3**  
**San Francisco Tonnage Summary Calendar Year 2002**

Actual Results Calendar Year 2002			
	Received	Diverted	% Diverted
<b>Sanitary Fill Transfer Station</b>			
<i>From Sunset</i>			
Fantastic 3 & REL Refuse	172,386		
Bulky Item Collection Refuse	1,898		
Commercial Refuse	50,944		
Roll-off Refuse to T/S	48,311		
<b>Total Sunset to T/S</b>	<b>273,539</b>	<b>0</b>	
<i>From Golden Gate</i>			
Fantastic 3 & REL Refuse	84,895		
Bulky Item Collection	327		
Commercial Refuse	31,314		
Roll-off Refuse	96,012		
<b>Total Golden Gate to T/S</b>	<b>212,548</b>	<b>0</b>	
<b>Total from Sunset &amp; Golden Gate</b>	<b>486,087</b>	<b>0</b>	
<b>Sanitary Fill iMRF &amp; Organic Disposal</b>			
<i>From Sunset</i>			
Fantastic 3 Organics	23,578	23,595	100%
Yard Trim		18,680	
Food		4,915	
Commercial Organics	14,896	14,135	95%
Yard Trim		1,414	
Food		12,722	
Bulky Item Collection	1,808	1,780	98%
Ferrous		1,246	
Yard Trim		267	
Other		267	
Roll-off Received at iMRF	5,645	4,967	88%
Ferrous		497	
Wood		1,490	
Inerts		2,980	
Roll-off tons Outsourced		0	
<b>Total Sunset to iMRF</b>	<b>45,927</b>	<b>44,477</b>	
<b>Golden Gate</b>			
<i>Organics</i>			
Organics	20,187	19,800	98%
Yard Trim		1,980	
Food		17,820	
Roll-off Received at iMRF	24,953	21,954	88%
Ferrous		3,390	
Wood		6,586	
Inerts		11,977	
Roll-off tons Outsourced		0	
<b>Total Residential Curbside Recycling</b>	<b>70,491</b>		
<b>Total Residential Buyback</b>	<b>25,509</b>		
<b>Total Residential Drop-off</b>	<b>14,054</b>		
<b>Total Commercial Collection</b>	<b>39,981</b>		
<b>Total Residential Organics</b>	<b>23,595</b>		
<b>Total Commercial Organics</b>	<b>33,935</b>		

<b>Total Golden Gate to iMRF</b>	<b>45,140</b>	<b>41,753</b>		
Public & Other Customers	977	591	61%	
Ferrous		59		
Wood		177		
Inerts		355		
<b>Total to iMRF including Organics</b>	<b>92,044</b>	<b>86,822</b>		
<b>Other Waste to Transfer Station</b>				
Other Waste and Public Disposal	85,728	14,054	16%	
Ferrous		2,949		
Non-Ferrous		565		
Wood		2,108		
Inerts		5,674		
Other		2,758		
Department of Public Works	46,294			
<b>Total to Sanitary Fill Disposal Operations</b>	<b>710,153</b>	<b>100,876</b>	<b>14%</b>	
<b>Sanitary Fill @ Pier 96 Processing</b>				
<i>Sunset</i>				
Fantastic 3 Recycle & Curbside	70,065	58,577	84%	
News		42,704		
Mixed Paper		6,467		
HDPE		832		
PET		826		
Glass Cont.		6,452		
Aluminum		418		
Ferrous		879		
Source Separated Collection	9,424	9,424	100%	
OCC		3,404		
Ledger		1,161		
Mixed Paper		1,000		
Other Glass		159		
Wood		3,700		
Mixed Commercial	866	629	73%	
Mixed Paper		629		
<b>Total Sunset to Pier 96/TURF</b>	<b>80,355</b>	<b>68,631</b>		
<b>Golden Gate</b>				
Fantastic 3 Recycle & Curbside	10,565	10,134	96%	
News		7,388		
Mixed Paper		1,119		
HDPE		144		
PET		143		
Glass Cont.		1,116		
Aluminum		72		
Ferrous		152		
Source Separated Collection	15,493	15,493	100%	

OCC		5,106		
Ledger		2,994		
Mixed Paper		4,592		
Ferrous		956		
Yard Trim		1,845		
<b>Mixed Commercial</b>	<b>16,903</b>	<b>11,076</b>	<b>66%</b>	
Mixed Paper		11,076		
<b>Total Golden Gate to Pier 96/TURF</b>	<b>42,961</b>	<b>36,703</b>		
<b>Totals from Sunset and Golden Gate</b>	<b>123,316</b>	<b>105,334</b>		
Other Sources - Source Separated	24,925	24,918	100%	
OCC		8,511		
News		991		
Ledger		2,491		
Mixed Paper		7,323		
Other Paper		4,027		
HDPE		112		
PET		112		
Other Plastic		87		
Glass Cont.		1,116		
Aluminum		37		
Ferrous		112		
<b>Total Sanitary Fill @ Pier 96/TURF</b>	<b>148,241</b>	<b>130,252</b>	<b>88%</b>	
Glass Direct Haul to Market - Sunset	686	686	100%	
Glass Cont.		686		
Glass Direct Haul to Market - Golden Gate	2,672	2,672	100%	
Glass Cont.		2,672		
Direct Haul to Market - Sunset Inerts	15,336	15,198	99%	
Inerts		15,198		
Direct Haul to Market - Golden Gate Inerts	23,792	23,579	99%	
Inerts		23,579		
Direct Haul to Market - Sanitary Fill	10,881	10,881	100%	
Inerts		10,881		
<b>Totals Tons Received and Diverted</b>	<b>911,762</b>	<b>284,143</b>	<b>31.2%</b>	